

Treball de Fi de Grau

Grau en Enginyeria en Tecnologies Industrials

Simulació del flux de treball d'un restaurant a través d'una aplicació informàtica

ANNEX A: Codi de l'arxiu restaurant.py
ANNEX B: Codi de l'arxiu fitxers.py

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ANNEX A: Codi de l'arxiu restaurant.py

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1. # -*- coding: utf-8 -*-
2.
3. # Form implementation generated from reading ui file 'tfg.ui'
4. #
5. # Created: Fri Mar 25 19:46:20 2016
6. #       by: PyQt4 UI code generator 4.9.3
7. #
8. # WARNING! All changes made in this file will be lost!
9.
10. from PyQt4 import QtCore, QtGui
11. import fitxers,time
12.
13. try:
14.     _fromUtf8 = QtCore.QString.fromUtf8
15. except AttributeError:
16.     _fromUtf8 = lambda s: s
17.
18. class Ui_MainWindow(object):
19.     def setupUi(self, MainWindow):
20.         MainWindow.setObjectName(_fromUtf8("MainWindow"))
21.         MainWindow.resize(800, 650)
22.         MainWindow.setStyleSheet(_fromUtf8("background-
23. color: rgb(255, 255, 255);"))
24.         self.centralwidget = QtGui.QWidget(MainWindow)
25.         self.centralwidget.setStyleSheet(_fromUtf8("\n"
26. "background-color: rgb(255, 250, 180);"))
27.         self.centralwidget.setObjectName(_fromUtf8("centralwidget"))
28.         self.etsuib = QtGui.QLabel(self.centralwidget)
29.         self.etsuib.setGeometry(QtCore.QRect(25, 500, 183, 174))
30.         self.etsuib.setPixmap(QtGui.QPixmap(_fromUtf8("imatges/etsuib.png")))
31.         self.etsuib.setText(_fromUtf8(""))
32.         self.labelTaula_1 = QtGui.QLabel(self.centralwidget)
33.         self.labelTaula_1.setGeometry(QtCore.QRect(240, 10, 183, 174))
34.         self.labelTaula_1.setText(_fromUtf8(""))
35.         self.labelTaula_1.setPixmap(QtGui.QPixmap(_fromUtf8("imatges/taula0.png")))
36.         self.labelTaula_1.setObjectName(_fromUtf8("labelTaula_1"))
37.         self.comboBoxEntrada = QtGui.QComboBox(self.centralwidget)
38.         self.comboBoxEntrada.setGeometry(QtCore.QRect(10, 70, 121, 27))
39.         self.comboBoxEntrada.setStyleSheet(_fromUtf8("background-
40. color: rgb(255, 255, 255);"))
41.         self.comboBoxEntrada.setObjectName(_fromUtf8("comboBoxEntrada"))
42.         self.comboBoxEntrada.addItem(_fromUtf8(""))
43.         self.comboBoxEntrada.addItem(_fromUtf8(""))
44.         self.comboBoxEntrada.addItem(_fromUtf8(""))
45.         self.pushButtonEntrada = QtGui.QPushButton(self.centralwidget)
46.         self.pushButtonEntrada.setGeometry(QtCore.QRect(10, 110, 98, 27))
47.         self.pushButtonEntrada.setObjectName(_fromUtf8("pushButtonEntrada"))
48.         self.pushButtonD_1 = QtGui.QPushButton(self.centralwidget)

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48.         self.pushButtonD_1.setGeometry(QtCore.QRect(270, 60, 120, 27))
49.         self.pushButtonD_1.setObjectName(_fromUtf8("pushButtonD_1"))
50.         self.pushButtonB_1 = QtGui.QPushButton(self.centralwidget)
51.         self.pushButtonB_1.setGeometry(QtCore.QRect(50, 350, 98, 27))
52.         self.pushButtonB_1.setObjectName(_fromUtf8("pushButtonB_1"))
53.         self.labelClient_1 = QtGui.QLabel(self.centralwidget)
54.         self.labelClient_1.setGeometry(QtCore.QRect(275, 10, 50, 38))
55.         self.labelClient_1.setText(_fromUtf8(""))
56.         self.labelClient_1.setPixmap(QtGui.QPixmap(_fromUtf8("imatges/pe
rsona.png")))
57.         self.labelClient_1.setObjectName(_fromUtf8("labelClient_1"))
58.         self.labelClient_1.setStyleSheet("QLabel { background-
color: rgba(255, 255, 255, 0%); }")
59.         self.labelEntrada = QtGui.QLabel(self.centralwidget)
60.         self.labelEntrada.setGeometry(QtCore.QRect(10, 30, 161, 31))
61.         self.labelEntrada.setObjectName(_fromUtf8("labelEntrada"))
62.         self.labelTaula_2 = QtGui.QLabel(self.centralwidget)
63.         self.labelTaula_2.setGeometry(QtCore.QRect(510, 10, 183, 174))
64.         self.labelTaula_2.setText(_fromUtf8(""))
65.         self.labelTaula_2.setPixmap(QtGui.QPixmap(_fromUtf8("imatges/tau
la0.png")))
66.         self.labelTaula_2.setObjectName(_fromUtf8("labelTaula_2"))
67.         self.labelTaula_3 = QtGui.QLabel(self.centralwidget)
68.         self.labelTaula_3.setGeometry(QtCore.QRect(240, 230, 183, 174))
69.         self.labelTaula_3.setText(_fromUtf8(""))
70.         self.labelTaula_3.setPixmap(QtGui.QPixmap(_fromUtf8("imatges/tau
la0.png")))
71.         self.labelTaula_3.setObjectName(_fromUtf8("labelTaula_3"))
72.         self.labelTaula_4 = QtGui.QLabel(self.centralwidget)
73.         self.labelTaula_4.setGeometry(QtCore.QRect(510, 230, 183, 174))
74.         self.labelTaula_4.setText(_fromUtf8(""))
75.         self.labelTaula_4.setPixmap(QtGui.QPixmap(_fromUtf8("imatges/tau
la0.png")))
76.         self.labelTaula_4.setObjectName(_fromUtf8("labelTaula_4"))
77.         self.labelTaula_5 = QtGui.QLabel(self.centralwidget)
78.         self.labelTaula_5.setGeometry(QtCore.QRect(240, 430, 183, 174))
79.         self.labelTaula_5.setText(_fromUtf8(""))
80.         self.labelTaula_5.setPixmap(QtGui.QPixmap(_fromUtf8("imatges/tau
la0.png")))
81.         self.labelTaula_5.setObjectName(_fromUtf8("labelTaula_5"))
82.         self.labelTaula_6 = QtGui.QLabel(self.centralwidget)
83.         self.labelTaula_6.setGeometry(QtCore.QRect(510, 430, 183, 174))
84.         self.labelTaula_6.setText(_fromUtf8(""))
85.         self.labelTaula_6.setPixmap(QtGui.QPixmap(_fromUtf8("imatges/tau
la0.png")))
86.         self.labelTaula_6.setObjectName(_fromUtf8("labelTaula_6"))
87.         self.pushButtonB_2 = QtGui.QPushButton(self.centralwidget)
88.         self.pushButtonB_2.setGeometry(QtCore.QRect(25, 400, 150, 60))
89.         self.pushButtonB_2.setObjectName(_fromUtf8("pushButtonB_2"))
90.         self.pushButtonD_2 = QtGui.QPushButton(self.centralwidget)
91.         self.pushButtonD_2.setGeometry(QtCore.QRect(540, 60, 120, 27))
92.         self.pushButtonD_2.setObjectName(_fromUtf8("pushButtonD_2"))
93.         self.pushButtonB_3 = QtGui.QPushButton(self.centralwidget)
94.         self.pushButtonB_3.setGeometry(QtCore.QRect(280, 320, 98, 27))
95.         self.pushButtonB_3.setObjectName(_fromUtf8("pushButtonB_3"))

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96.         self.pushButtonD_3 = QtGui.QPushButton(self.centralwidget)
97.         self.pushButtonD_3.setGeometry(QtCore.QRect(270, 280, 120, 27))

98.         self.pushButtonD_3.setObjectName(_fromUtf8("pushButtonD_3"))
99.         self.pushButtonB_4 = QtGui.QPushButton(self.centralwidget)
100.        self.pushButtonB_4.setGeometry(QtCore.QRect(550, 320, 98,
101.        27))
101.        self.pushButtonB_4.setObjectName(_fromUtf8("pushButtonB_4
102.        "))
102.        self.pushButtonD_4 = QtGui.QPushButton(self.centralwidget
103.        )
103.        self.pushButtonD_4.setGeometry(QtCore.QRect(540, 280, 120
104.        , 27))
104.        self.pushButtonD_4.setObjectName(_fromUtf8("pushButtonD_4
105.        "))
105.        self.pushButtonB_5 = QtGui.QPushButton(self.centralwidget
106.        )
106.        self.pushButtonB_5.setGeometry(QtCore.QRect(280, 520, 98,
107.        27))
107.        self.pushButtonB_5.setObjectName(_fromUtf8("pushButtonB_5
108.        "))
108.        self.pushButtonD_5 = QtGui.QPushButton(self.centralwidget
109.        )
109.        self.pushButtonD_5.setGeometry(QtCore.QRect(270, 480, 120
110.        , 27))
110.        self.pushButtonD_5.setObjectName(_fromUtf8("pushButtonD_5
111.        "))
111.        self.pushButtonB_6 = QtGui.QPushButton(self.centralwidget
112.        )
112.        self.pushButtonB_6.setGeometry(QtCore.QRect(550, 520, 98,
113.        27))
113.        self.pushButtonB_6.setObjectName(_fromUtf8("pushButtonB_6
114.        "))
114.        self.pushButtonD_6 = QtGui.QPushButton(self.centralwidget
115.        )
115.        self.pushButtonD_6.setGeometry(QtCore.QRect(540, 480, 120
116.        , 27))
116.        self.pushButtonD_6.setObjectName(_fromUtf8("pushButtonD_6
117.        "))
117.        self.labelClient_2 = QtGui.QLabel(self.centralwidget)
118.        self.labelClient_2.setGeometry(QtCore.QRect(339, 10, 50,
119.        38))
119.        self.labelClient_2.setText(_fromUtf8(""))
120.        self.labelClient_2.setPixmap(QtGui.QPixmap(_fromUtf8("ima
121.        tges/persona.png")))
121.        self.labelClient_2.setObjectName(_fromUtf8("labelClient_2
122.        "))
122.        self.labelClient_3 = QtGui.QLabel(self.centralwidget)
123.        self.labelClient_3.setGeometry(QtCore.QRect(275, 145, 50,
124.        38))
124.        self.labelClient_3.setText(_fromUtf8(""))
125.        self.labelClient_3.setPixmap(QtGui.QPixmap(_fromUtf8("ima
126.        tges/persona.png")))
126.        self.labelClient_3.setObjectName(_fromUtf8("labelClient_3
127.        "))
127.        self.labelClient_4 = QtGui.QLabel(self.centralwidget)
128.        self.labelClient_4.setGeometry(QtCore.QRect(339, 145, 50,
129.        38))
129.        self.labelClient_4.setText(_fromUtf8(""))

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130.         self.labelClient_4.setPixmap(QtGui.QPixmap(_fromUtf8("ima
tges/persona.png")))
131.         self.labelClient_4.setObjectName(_fromUtf8("labelClient_4
"))
132.         self.labelClient_5 = QtGui.QLabel(self.centralwidget)
133.         self.labelClient_5.setGeometry(QtCore.QRect(545, 10, 50,
38))
134.         self.labelClient_5.setText(_fromUtf8(""))
135.         self.labelClient_5.setPixmap(QtGui.QPixmap(_fromUtf8("ima
tges/persona.png")))
136.         self.labelClient_5.setObjectName(_fromUtf8("labelClient_5
"))
137.         self.labelClient_6 = QtGui.QLabel(self.centralwidget)
138.         self.labelClient_6.setGeometry(QtCore.QRect(609, 10, 50,
38))
139.         self.labelClient_6.setText(_fromUtf8(""))
140.         self.labelClient_6.setPixmap(QtGui.QPixmap(_fromUtf8("ima
tges/persona.png")))
141.         self.labelClient_6.setObjectName(_fromUtf8("labelClient_6
"))
142.         self.labelClient_7 = QtGui.QLabel(self.centralwidget)
143.         self.labelClient_7.setGeometry(QtCore.QRect(545, 145, 50,
38))
144.         self.labelClient_7.setText(_fromUtf8(""))
145.         self.labelClient_7.setPixmap(QtGui.QPixmap(_fromUtf8("ima
tges/persona.png")))
146.         self.labelClient_7.setObjectName(_fromUtf8("labelClient_7
"))
147.         self.labelClient_8 = QtGui.QLabel(self.centralwidget)
148.         self.labelClient_8.setGeometry(QtCore.QRect(609, 145, 50,
38))
149.         self.labelClient_8.setText(_fromUtf8(""))
150.         self.labelClient_8.setPixmap(QtGui.QPixmap(_fromUtf8("ima
tges/persona.png")))
151.         self.labelClient_8.setObjectName(_fromUtf8("labelClient_8
"))
152.         self.labelClient_9 = QtGui.QLabel(self.centralwidget)
153.         self.labelClient_9.setGeometry(QtCore.QRect(275, 231, 50,
38))
154.         self.labelClient_9.setText(_fromUtf8(""))
155.         self.labelClient_9.setPixmap(QtGui.QPixmap(_fromUtf8("ima
tges/persona.png")))
156.         self.labelClient_9.setObjectName(_fromUtf8("labelClient_9
"))
157.         self.labelClient_10 = QtGui.QLabel(self.centralwidget)
158.         self.labelClient_10.setGeometry(QtCore.QRect(339, 231, 50
, 38))
159.         self.labelClient_10.setText(_fromUtf8(""))
160.         self.labelClient_10.setPixmap(QtGui.QPixmap(_fromUtf8("im
atges/persona.png")))
161.         self.labelClient_10.setObjectName(_fromUtf8("labelClient_
10"))
162.         self.labelClient_11 = QtGui.QLabel(self.centralwidget)
163.         self.labelClient_11.setGeometry(QtCore.QRect(275, 365, 50
, 38))
164.         self.labelClient_11.setText(_fromUtf8(""))
165.         self.labelClient_11.setPixmap(QtGui.QPixmap(_fromUtf8("im
atges/persona.png")))

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166.         self.labelClient_11.setObjectName(_fromUtf8("labelClient_
167.         11"))
168.         self.labelClient_12 = QtGui.QLabel(self.centralwidget)
169.         self.labelClient_12.setGeometry(QtCore.QRect(339, 365, 50
170.         , 38))
171.         self.labelClient_12.setText(_fromUtf8(""))
172.         self.labelClient_12.setPixmap(QtGui.QPixmap(_fromUtf8("im
173.         atges/persona.png")))
174.         self.labelClient_12.setObjectName(_fromUtf8("labelClient_
175.         12"))
176.         self.labelClient_13 = QtGui.QLabel(self.centralwidget)
177.         self.labelClient_13.setGeometry(QtCore.QRect(545, 231, 50
178.         , 38))
179.         self.labelClient_13.setText(_fromUtf8(""))
180.         self.labelClient_13.setPixmap(QtGui.QPixmap(_fromUtf8("im
181.         atges/persona.png")))
182.         self.labelClient_13.setObjectName(_fromUtf8("labelClient_
183.         13"))
184.         self.labelClient_14 = QtGui.QLabel(self.centralwidget)
185.         self.labelClient_14.setGeometry(QtCore.QRect(609, 231, 50
186.         , 38))
187.         self.labelClient_14.setText(_fromUtf8(""))
188.         self.labelClient_14.setPixmap(QtGui.QPixmap(_fromUtf8("im
189.         atges/persona.png")))
190.         self.labelClient_14.setObjectName(_fromUtf8("labelClient_
191.         14"))
192.         self.labelClient_15 = QtGui.QLabel(self.centralwidget)
193.         self.labelClient_15.setGeometry(QtCore.QRect(545, 365, 50
194.         , 38))
195.         self.labelClient_15.setText(_fromUtf8(""))
196.         self.labelClient_15.setPixmap(QtGui.QPixmap(_fromUtf8("im
197.         atges/persona.png")))
198.         self.labelClient_15.setObjectName(_fromUtf8("labelClient_
199.         15"))
200.         self.labelClient_16 = QtGui.QLabel(self.centralwidget)
201.         self.labelClient_16.setGeometry(QtCore.QRect(609, 365, 50
202.         , 38))
203.         self.labelClient_16.setText(_fromUtf8(""))
204.         self.labelClient_16.setPixmap(QtGui.QPixmap(_fromUtf8("im
205.         atges/persona.png")))
206.         self.labelClient_16.setObjectName(_fromUtf8("labelClient_
207.         16"))
208.         self.labelClient_17 = QtGui.QLabel(self.centralwidget)
209.         self.labelClient_17.setGeometry(QtCore.QRect(275, 432, 50
210.         , 38))
211.         self.labelClient_17.setText(_fromUtf8(""))
212.         self.labelClient_17.setPixmap(QtGui.QPixmap(_fromUtf8("im
213.         atges/persona.png")))
214.         self.labelClient_17.setObjectName(_fromUtf8("labelClient_
215.         17"))
216.         self.labelClient_18 = QtGui.QLabel(self.centralwidget)
217.         self.labelClient_18.setGeometry(QtCore.QRect(339, 432, 50
218.         , 38))
219.         self.labelClient_18.setText(_fromUtf8(""))
220.         self.labelClient_18.setPixmap(QtGui.QPixmap(_fromUtf8("im
221.         atges/persona.png")))
222.         self.labelClient_18.setObjectName(_fromUtf8("labelClient_
223.         18"))
224.         self.labelClient_19 = QtGui.QLabel(self.centralwidget)

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203.         self.labelClient_19.setGeometry(QRect(275, 565, 50
, 38))
204.         self.labelClient_19.setText(_fromUtf8(""))
205.         self.labelClient_19.setPixmap(QtGui.QPixmap(_fromUtf8("im
atges/persona.png")))
206.         self.labelClient_19.setObjectName(_fromUtf8("labelClient_
19"))
207.         self.labelClient_20 = QtGui.QLabel(self.centralwidget)
208.         self.labelClient_20.setGeometry(QRect(339, 565, 50
, 38))
209.         self.labelClient_20.setText(_fromUtf8(""))
210.         self.labelClient_20.setPixmap(QtGui.QPixmap(_fromUtf8("im
atges/persona.png")))
211.         self.labelClient_20.setObjectName(_fromUtf8("labelClient_
20"))
212.         self.labelClient_21 = QtGui.QLabel(self.centralwidget)
213.         self.labelClient_21.setGeometry(QRect(545, 432, 50
, 38))
214.         self.labelClient_21.setText(_fromUtf8(""))
215.         self.labelClient_21.setPixmap(QtGui.QPixmap(_fromUtf8("im
atges/persona.png")))
216.         self.labelClient_21.setObjectName(_fromUtf8("labelClient_
21"))
217.         self.labelClient_22 = QtGui.QLabel(self.centralwidget)
218.         self.labelClient_22.setGeometry(QRect(609, 432, 50
, 38))
219.         self.labelClient_22.setText(_fromUtf8(""))
220.         self.labelClient_22.setPixmap(QtGui.QPixmap(_fromUtf8("im
atges/persona.png")))
221.         self.labelClient_22.setObjectName(_fromUtf8("labelClient_
22"))
222.         self.labelClient_23 = QtGui.QLabel(self.centralwidget)
223.         self.labelClient_23.setGeometry(QRect(545, 565, 50
, 38))
224.         self.labelClient_23.setText(_fromUtf8(""))
225.         self.labelClient_23.setPixmap(QtGui.QPixmap(_fromUtf8("im
atges/persona.png")))
226.         self.labelClient_23.setObjectName(_fromUtf8("labelClient_
23"))
227.         self.labelClient_24 = QtGui.QLabel(self.centralwidget)
228.         self.labelClient_24.setGeometry(QRect(609, 565, 50
, 38))
229.         self.labelClient_24.setText(_fromUtf8(""))
230.         self.labelClient_24.setPixmap(QtGui.QPixmap(_fromUtf8("im
atges/persona.png")))
231.         self.labelClient_24.setObjectName(_fromUtf8("labelClient_
24"))
232.         MainWindow.setCentralWidget(self.centralwidget)
233.         self.statusbar = QtGui.QStatusBar(MainWindow)
234.         self.statusbar.setObjectName(_fromUtf8("statusbar"))
235.         MainWindow.setStatusBar(self.statusbar)
236.         self.labelClient_2.setStyleSheet("QLabel { background-
color: rgba(255, 255, 255, 0%) ;}")
237.         self.labelClient_3.setStyleSheet("QLabel { background-
color: rgba(255, 255, 255, 0%) ;}")
238.         self.labelClient_4.setStyleSheet("QLabel { background-
color: rgba(255, 255, 255, 0%) ;}")
239.         self.labelClient_5.setStyleSheet("QLabel { background-
color: rgba(255, 255, 255, 0%) ;}")

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240.         self.labelClient_6.setStyleSheet("QLabel { background-
color: rgba(255, 255, 255, 0%) ;}")
241.         self.labelClient_7.setStyleSheet("QLabel { background-
color: rgba(255, 255, 255, 0%) ;}")
242.         self.labelClient_8.setStyleSheet("QLabel { background-
color: rgba(255, 255, 255, 0%) ;}")
243.         self.labelClient_9.setStyleSheet("QLabel { background-
color: rgba(255, 255, 255, 0%) ;}")
244.         self.labelClient_10.setStyleSheet("QLabel { background-
color: rgba(255, 255, 255, 0%) ;}")
245.         self.labelClient_11.setStyleSheet("QLabel { background-
color: rgba(255, 255, 255, 0%) ;}")
246.         self.labelClient_12.setStyleSheet("QLabel { background-
color: rgba(255, 255, 255, 0%) ;}")
247.         self.labelClient_13.setStyleSheet("QLabel { background-
color: rgba(255, 255, 255, 0%) ;}")
248.         self.labelClient_14.setStyleSheet("QLabel { background-
color: rgba(255, 255, 255, 0%) ;}")
249.         self.labelClient_15.setStyleSheet("QLabel { background-
color: rgba(255, 255, 255, 0%) ;}")
250.         self.labelClient_16.setStyleSheet("QLabel { background-
color: rgba(255, 255, 255, 0%) ;}")
251.         self.labelClient_17.setStyleSheet("QLabel { background-
color: rgba(255, 255, 255, 0%) ;}")
252.         self.labelClient_18.setStyleSheet("QLabel { background-
color: rgba(255, 255, 255, 0%) ;}")
253.         self.labelClient_19.setStyleSheet("QLabel { background-
color: rgba(255, 255, 255, 0%) ;}")
254.         self.labelClient_20.setStyleSheet("QLabel { background-
color: rgba(255, 255, 255, 0%) ;}")
255.         self.labelClient_21.setStyleSheet("QLabel { background-
color: rgba(255, 255, 255, 0%) ;}")
256.         self.labelClient_22.setStyleSheet("QLabel { background-
color: rgba(255, 255, 255, 0%) ;}")
257.         self.labelClient_23.setStyleSheet("QLabel { background-
color: rgba(255, 255, 255, 0%) ;}")
258.         self.labelClient_24.setStyleSheet("QLabel { background-
color: rgba(255, 255, 255, 0%) ;}")
259.         self.labelEsperant_1 = QtGui.QLabel(self.centralwidget)
260.         self.labelEsperant_1.setGeometry(QtCore.QRect(280, 75, 16
1, 31))
261.         self.labelEsperant_1.setObjectName(_fromUtf8("labelEspera
nt"))
262.         self.labelEsperant_1.setText("Esperant plats...")
263.         self.labelEsperant_1.setStyleSheet("QLabel { background-
color: rgba(255, 255, 255, 0%) ;}")
264.         self.labelEsperant_1.hide()
265.         self.labelEsperant_2 = QtGui.QLabel(self.centralwidget)
266.         self.labelEsperant_2.setGeometry(QtCore.QRect(550, 75, 16
1, 31))
267.         self.labelEsperant_2.setObjectName(_fromUtf8("labelEspera
nt"))
268.         self.labelEsperant_2.setText("Esperant plats...")
269.         self.labelEsperant_2.setStyleSheet("QLabel { background-
color: rgba(255, 255, 255, 0%) ;}")
270.         self.labelEsperant_2.hide()
271.         self.labelEsperant_3 = QtGui.QLabel(self.centralwidget)
272.         self.labelEsperant_3.setGeometry(QtCore.QRect(280, 300, 1
61, 31))

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273.         self.labelEsperant_3.setObjectName(_fromUtf8("labelEspera
    nt"))
274.         self.labelEsperant_3.setText("Esperant plats...")
275.         self.labelEsperant_3.setStyleSheet("QLabel { background-
    color: rgba(255, 255, 255, 0%) ;}")
276.         self.labelEsperant_3.hide()
277.         self.labelEsperant_4 = QtGui.QLabel(self.centralwidget)
278.         self.labelEsperant_4.setGeometry(QtCore.QRect(550, 300, 1
    61, 31))
279.         self.labelEsperant_4.setObjectName(_fromUtf8("labelEspera
    nt"))
280.         self.labelEsperant_4.setText("Esperant plats...")
281.         self.labelEsperant_4.setStyleSheet("QLabel { background-
    color: rgba(255, 255, 255, 0%) ;}")
282.         self.labelEsperant_4.hide()
283.         self.labelEsperant_5 = QtGui.QLabel(self.centralwidget)
284.         self.labelEsperant_5.setGeometry(QtCore.QRect(280, 500, 1
    61, 31))
285.         self.labelEsperant_5.setObjectName(_fromUtf8("labelEspera
    nt"))
286.         self.labelEsperant_5.setText("Esperant plats...")
287.         self.labelEsperant_5.setStyleSheet("QLabel { background-
    color: rgba(255, 255, 255, 0%) ;}")
288.         self.labelEsperant_5.hide()
289.         self.labelEsperant_6 = QtGui.QLabel(self.centralwidget)
290.         self.labelEsperant_6.setGeometry(QtCore.QRect(550, 500, 1
    61, 31))
291.         self.labelEsperant_6.setObjectName(_fromUtf8("labelEspera
    nt"))
292.         self.labelEsperant_6.setText("Esperant plats...")
293.         self.labelEsperant_6.setStyleSheet("QLabel { background-
    color: rgba(255, 255, 255, 0%) ;}")
294.         self.labelEsperant_6.hide()
295.
296.         self.retranslateUi(MainWindow)
297.         QtCore.QMetaObject.connectSlotsByName(MainWindow)
298.
299.         self.labelClient_1.hide()
300.         self.labelClient_2.hide()
301.         self.labelClient_3.hide()
302.         self.labelClient_4.hide()
303.         self.labelClient_5.hide()
304.         self.labelClient_6.hide()
305.         self.labelClient_7.hide()
306.         self.labelClient_8.hide()
307.         self.labelClient_9.hide()
308.         self.labelClient_10.hide()
309.         self.labelClient_11.hide()
310.         self.labelClient_12.hide()
311.         self.labelClient_13.hide()
312.         self.labelClient_14.hide()
313.         self.labelClient_15.hide()
314.         self.labelClient_16.hide()
315.         self.labelClient_17.hide()
316.         self.labelClient_18.hide()
317.         self.labelClient_19.hide()
318.         self.labelClient_20.hide()
319.         self.labelClient_21.hide()
320.         self.labelClient_22.hide()

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321.         self.labelClient_23.hide()
322.         self.labelClient_24.hide()
323.         self.pushButtonD_1.hide()
324.         self.pushButtonD_2.hide()
325.         self.pushButtonD_3.hide()
326.         self.pushButtonD_4.hide()
327.         self.pushButtonD_5.hide()
328.         self.pushButtonD_6.hide()
329.         self.pushButtonB_3.hide()
330.         self.pushButtonB_4.hide()
331.         self.pushButtonB_5.hide()
332.         self.pushButtonB_6.hide()
333.         self.timer = QtCore.QTimer(window)
334.         #####CONNECTS MAIN WINDOW
335.         self.pushButtonEntrada.clicked.connect(self.seure)
336.         self.pushButtonD_1.clicked.connect(self.t1)
337.         self.pushButtonD_2.clicked.connect(self.t2)
338.         self.pushButtonD_3.clicked.connect(self.t3)
339.         self.pushButtonD_4.clicked.connect(self.t4)
340.         self.pushButtonD_5.clicked.connect(self.t5)
341.         self.pushButtonD_6.clicked.connect(self.t6)
342.         self.pushButtonD_1.clicked.connect(self.principal)
343.         self.pushButtonD_2.clicked.connect(self.principal)
344.         self.pushButtonD_3.clicked.connect(self.principal)
345.         self.pushButtonD_4.clicked.connect(self.principal)
346.         self.pushButtonD_5.clicked.connect(self.principal)
347.         self.pushButtonD_6.clicked.connect(self.principal)
348.         self.pushButtonB_1.clicked.connect(self.historics)
349.         self.pushButtonB_2.clicked.connect(self.obre_esdeveniments)
350.         self.pushButtonB_3.clicked.connect(self.principal)
351.         self.pushButtonB_4.clicked.connect(self.principal)
352.         self.pushButtonB_5.clicked.connect(self.principal)
353.         self.pushButtonB_6.clicked.connect(self.principal)
354.
355.         #####VARIABLES MAIN WINDOW
356.         self.taulas=[0,0,0,0,0,0]
357.         self.cares=[self.labelClient_1,self.labelClient_2,self.labelClient_3,self.labelClient_4,self.labelClient_5,self.labelClient_6,self.labelClient_7,self.labelClient_8,self.labelClient_9,self.labelClient_10,self.labelClient_11,self.labelClient_12,self.labelClient_13,self.labelClient_14,self.labelClient_15,self.labelClient_16,self.labelClient_17,self.labelClient_18,self.labelClient_19,self.labelClient_20,self.labelClient_21,self.labelClient_22,self.labelClient_23,self.labelClient_24]
358.         self.bottons_D=[self.pushButtonD_1,self.pushButtonD_2,self.pushButtonD_3,self.pushButtonD_4,self.pushButtonD_5,self.pushButtonD_6]
359.         self.bottons_B=[self.pushButtonB_1,self.pushButtonB_2,self.pushButtonB_3,self.pushButtonB_4,self.pushButtonB_5,self.pushButtonB_6]
360.         self.taula_clicada=0
361.         self.esperant=[self.labelEsperant_1,self.labelEsperant_2,self.labelEsperant_3,self.labelEsperant_4,self.labelEsperant_5,self.labelEsperant_6]
362.         myFont=QtGui.QFont()
363.         myFont.setBold(True)
364.         for i in self.esperant:
365.             i.setFont(myFont)
366.
367.         self.x_inici=[10,40,70,100]
368.         self.y_inici=[200,200,200,200]

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369.         self.x_final=[275,339,275,339,545,609,545,609,275,339,275,339
,545,609,545,609,275,339,275,339,545,609,545,609]
370.         self.y_final=[10,10,145,145,10,10,145,145,231,231,365,365,231
,231,365,365,432,432,565,565,432,432,565,565]
371.         self.xv=[]
372.         self.yv=[]
373.         self.fxx=[]
374.         self.fyy=[]
375.         self.taula1=0
376.         self.taula2=0
377.         self.taula3=0
378.         self.taula4=0
379.         self.taula5=0
380.         self.taula6=0
381.         self.estat=[0,0,0,0,0,0]
382.         self.nom_primers=["Amanida catalana           8.00â","A
manida verda           7.00â","EntremÃs
8.00â","Canelons casolans           8.50â","Cargols a la llauna
9.50â","Musclos al vapor           9.00â"]
383.         self.preu_primers=[8.00,7.00,8.00,8.50,9.50,9.00]
384.         self.str_primers=[" 8.00â"," 7.00â"," 8.00â"," 8.50
â"," 9.50â"," 9.00â"]
385.         self.nom_segons=["Entrecot           12.00â,
","Xai amb patates           14.00â","Calamars a la romana 10.00â,
","BacallÃ amb samfaina 9.00â","Escalopa
8.00â","Conill al forn           12.00â"]
386.         self.preu_segons=[12.00,14.00,10.00,9.00,8.00,12.00]
387.         self.str_segons=["12.00â","14.00â","10.00â"," 9.00â,
"," 8.00â","12.00â"]
388.         self.nom_postres=["Fruita
2â","Iogurt           2â","Flam amb
nata           3â","Gelat
3â","Crema catalana           3â","No vull res
"]
389.         self.preu_postres=[2.00,2.00,3.00,3.00,3.00,0]
390.         self.str_postres=[" 2.00â"," 2.00â"," 3.00â"," 3.00
â"," 3.00â"]
391.         self.nom_cafes=["CafÃ/tallat           2
â","CafÃ amb llet           2.50â","Te
3â","Aigua d'herbes           3
â","Licor           2.50â","No vull res"]
392.         self.preu_cafes=[2.00,2.50,3.00,3.00,2.50,0]
393.         self.str_cafes=[" 2.00â"," 2.50â"," 3.00â"," 3.00â,
â"," 2.50â"]
394.         self.cua_primers=[]
395.         self.cua_segons=[]
396.         self.cua_postres=[]
397.         self.c1=0
398.         self.c2=0
399.         self.c3=0
400.         self.c4=0
401.         self.c5=0
402.         self.c6=0
403.         self.c=[self.c1,self.c2,self.c3,self.c4,self.c5,self.c6]
404.         self.esd=[0,0,0]
405.
406.         ### FUNCIONS MAIN WINDOW
407.         def carta_tancada(self):

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408.         if self.estat[self.taula_clicada-1]==1:
409.             self.estat[self.taula_clicada-1]=2
410.             self.principal()
411.         elif self.estat[self.taula_clicada-1]==6:
412.             self.estat[self.taula_clicada-1]=7
413.             self.principal()
414.         elif self.estat[self.taula_clicada-1]==8:
415.             self.estat[self.taula_clicada-1]=9
416.             self.principal()
417.
418.         def principal(self):
419.             if self.estat[self.taula_clicada-1]==1:
420.                 self.carta_primers()
421.             elif self.estat[self.taula_clicada-1]==2:
422.                 self.plats_triats()
423.             elif self.estat[self.taula_clicada-1]==4:
424.                 self.espera_segons()
425.             elif self.estat[self.taula_clicada-1]==5:
426.                 self.boto_postres()
427.             elif self.estat[self.taula_clicada-1]==6:
428.                 self.carta_postres()
429.             elif self.estat[self.taula_clicada-1]==7:
430.                 self.espera_postres()
431.             elif self.estat[self.taula_clicada-1]==8:
432.                 self.obre_compte()
433.             elif self.estat[self.taula_clicada-1]==9:
434.                 self.marxa()
435.
436.         def obre_esdeveniments(self):
437.             QtGui.QDesktopServices.openUrl(QtCore.QUrl("esdeveniments.txt
438.             "));
439.
440.         def espera_segons(self):
441.             self.botons_D[self.taula_clicada-1].hide()
442.             self.esperant[self.taula_clicada-
443.             1].setText("Esperant Segons")
444.             self.esperant[self.taula_clicada-1].show()
445.             clients=self.taulas[self.taula_clicada-1]
446.             x=(self.taula_clicada,clients)
447.             self.cua_segons.append(x)
448.             t=fitxers.temps_espera(self.cua_segons)
449.             if self.taula_clicada==1:
450.                 self.timer.singleShot(t,self.menjan1)
451.             elif self.taula_clicada==2:
452.                 self.timer.singleShot(t,self.menjan2)
453.             elif self.taula_clicada==3:
454.                 self.timer.singleShot(t,self.menjan3)
455.             elif self.taula_clicada==4:
456.                 self.timer.singleShot(t,self.menjan4)
457.             elif self.taula_clicada==5:
458.                 self.timer.singleShot(t,self.menjan5)
459.             elif self.taula_clicada==6:
460.                 self.timer.singleShot(t,self.menjan6)
461.
462.         def menjan1(self):
463.             if self.estat[0]==3:
464.                 self.esperant[0].setText("Menjan Primers")
465.                 self.cua_primers=self.cua_primers[1:]
466.                 self.timer.singleShot(5000,self.recull1)

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465.         elif self.estat[0]==4:
466.             self.esperant[0].setText("Menjant Segons")
467.             self.cua_segons=self.cua_segons[1:]
468.             self.timer.singleShot(5000,self.recul11)
469.         elif main_window.estat[0]==7:
470.             self.esperant[0].setText("Prenent postres \n      i cafe")
471.             self.cua_postres=self.cua_postres[1:]
472.             self.timer.singleShot(5000,self.recul11)
473.
474.         def recull1(self):
475.             if self.estat[0]==3:
476.                 self.bottons_D[0].show()
477.                 self.bottons_D[0].setText(QtGui.QApplication.translate
("MainWindow", "Recull Primers", None, QtGui.QApplication.UnicodeUTF8))
478.                 self.esperant[0].hide()
479.                 self.estat[0]=4
480.             elif self.estat[0]==4:
481.                 self.bottons_D[0].show()
482.                 self.bottons_D[0].setText(QtGui.QApplication.translate
("MainWindow", "Recull Segons", None, QtGui.QApplication.UnicodeUTF8))
483.                 self.esperant[0].hide()
484.                 self.estat[0]=5
485.             elif main_window.estat[0]==7:
486.                 self.bottons_D[0].show()
487.                 self.bottons_D[0].setText(QtGui.QApplication.translate
("MainWindow", "Demana compte", None, QtGui.QApplication.UnicodeUTF8))
488.                 self.esperant[0].hide()
489.                 self.estat[0]=8
490.
491.         def menjant2(self):
492.             if self.estat[1]==3:
493.                 self.esperant[1].setText("Menjant Primers")
494.                 self.cua_primers=self.cua_primers[1:]
495.                 self.timer.singleShot(5000,self.recul12)
496.             elif self.estat[1]==4:
497.                 self.esperant[1].setText("Menjant Segons")
498.                 self.cua_segons=self.cua_segons[1:]
499.                 self.timer.singleShot(5000,self.recul12)
500.             elif main_window.estat[1]==7:
501.                 self.esperant[1].setText("Prenent postres \n      i cafe")
502.                 self.cua_postres=self.cua_postres[1:]
503.                 self.timer.singleShot(5000,self.recul12)
504.
505.         def recull2(self):
506.             if self.estat[1]==3:
507.                 self.bottons_D[1].show()
508.                 self.bottons_D[1].setText(QtGui.QApplication.translate
("MainWindow", "Recull Primers", None, QtGui.QApplication.UnicodeUTF8))
509.                 self.esperant[1].hide()
510.                 self.estat[1]=4
511.             elif self.estat[1]==4:
512.                 self.bottons_D[1].show()
513.                 self.bottons_D[1].setText(QtGui.QApplication.translate
("MainWindow", "Recull Segons", None, QtGui.QApplication.UnicodeUTF8))
514.                 self.esperant[1].hide()

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515.         self.estat[1]=5
516.     elif main_window.estat[1]==7:
517.         self.bottons_D[1].show()
518.         self.bottons_D[1].setText(QtGui.QApplication.translate
519.             ("MainWindow", "Demana compte", None, QtGui.QApplication.UnicodeUTF8))
520.         self.esperant[1].hide()
521.         self.estat[1]=8
522.
523.     def menjant3(self):
524.         if self.estat[2]==3:
525.             self.esperant[2].setText("Menjant Primers")
526.             self.cua_primers=self.cua_primers[1:]
527.             self.timer.singleShot(5000,self.recul13)
528.         elif self.estat[2]==4:
529.             self.esperant[2].setText("Menjant Segons")
530.             self.cua_segons=self.cua_segons[1:]
531.             self.timer.singleShot(5000,self.recul13)
532.         elif main_window.estat[2]==7:
533.             self.esperant[2].setText("Prenent postres \n      i cafe")
534.
535.             self.cua_postres=self.cua_postres[1:]
536.             self.timer.singleShot(5000,self.recul13)
537.
538.     def recull3(self):
539.         if self.estat[2]==3:
540.             self.bottons_D[2].show()
541.             self.bottons_D[2].setText(QtGui.QApplication.translate
542.                 ("MainWindow", "Recull Primers", None, QtGui.QApplication.UnicodeUTF8))
543.
544.             self.esperant[2].hide()
545.             self.estat[2]=4
546.         elif self.estat[2]==4:
547.             self.bottons_D[2].show()
548.             self.bottons_D[2].setText(QtGui.QApplication.translate
549.                 ("MainWindow", "Recull Segons", None, QtGui.QApplication.UnicodeUTF8))
550.             self.esperant[2].hide()
551.             self.estat[2]=5
552.         elif main_window.estat[2]==7:
553.             self.bottons_D[2].show()
554.             self.bottons_D[2].setText(QtGui.QApplication.translate
555.                 ("MainWindow", "Demana compte", None, QtGui.QApplication.UnicodeUTF8))
556.             self.esperant[2].hide()
557.             self.estat[2]=8
558.
559.     def menjant4(self):
560.         if self.estat[3]==3:
561.             self.esperant[3].setText("Menjant Primers")
562.             self.cua_primers=self.cua_primers[1:]
563.             self.timer.singleShot(5000,self.recul14)
564.         elif self.estat[3]==4:
565.             self.esperant[3].setText("Menjant Segons")
566.             self.cua_segons=self.cua_segons[1:]
567.             self.timer.singleShot(5000,self.recul14)
568.         elif main_window.estat[3]==7:
569.             self.esperant[3].setText("Prenent postres \n      i cafe")
570.
571.             self.cua_postres=self.cua_postres[1:]
572.             self.timer.singleShot(5000,self.recul14)
573.

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567.         def recull4(self):
568.         if self.estat[3]==3:
569.             self.bottons_D[3].show()
570.             self.bottons_D[3].setText(QtGui.QApplication.translate
("MainWindow", "Recull Primers", None, QtGui.QApplication.UnicodeUTF8))

571.             self.esperant[3].hide()
572.             self.estat[3]=4
573.         elif self.estat[3]==4:
574.             self.bottons_D[3].show()
575.             self.bottons_D[3].setText(QtGui.QApplication.translate
("MainWindow", "Recull Segons", None, QtGui.QApplication.UnicodeUTF8))
576.             self.esperant[3].hide()
577.             self.estat[3]=5
578.         elif main_window.estat[3]==7:
579.             self.bottons_D[3].show()
580.             self.bottons_D[3].setText(QtGui.QApplication.translate
("MainWindow", "Demana compte", None, QtGui.QApplication.UnicodeUTF8))
581.             self.esperant[3].hide()
582.             self.estat[3]=8
583.
584.         def menjant5(self):
585.         if self.estat[4]==3:
586.             self.esperant[4].setText("Menjant Primers")
587.             self.cua_primers=self.cua_primers[1:]
588.             self.timer.singleShot(5000,self.recull5)
589.         elif self.estat[4]==4:
590.             self.esperant[4].setText("Menjant Segons")
591.             self.cua_segons=self.cua_segons[1:]
592.             self.timer.singleShot(5000,self.recull5)
593.         elif main_window.estat[4]==7:
594.             self.esperant[4].setText("Prenent postres \n      i cafe")

595.             self.cua_postres=self.cua_postres[1:]
596.             self.timer.singleShot(5000,self.recull5)
597.
598.         def recull5(self):
599.         if self.estat[4]==3:
600.             self.bottons_D[4].show()
601.             self.bottons_D[4].setText(QtGui.QApplication.translate
("MainWindow", "Recull Primers", None, QtGui.QApplication.UnicodeUTF8))

602.             self.esperant[4].hide()
603.             self.estat[4]=4
604.         elif self.estat[4]==4:
605.             self.bottons_D[4].show()
606.             self.bottons_D[4].setText(QtGui.QApplication.translate
("MainWindow", "Recull Segons", None, QtGui.QApplication.UnicodeUTF8))
607.             self.esperant[4].hide()
608.             self.estat[4]=5
609.         elif main_window.estat[4]==7:
610.             self.bottons_D[4].show()
611.             self.bottons_D[4].setText(QtGui.QApplication.translate
("MainWindow", "Demana compte", None, QtGui.QApplication.UnicodeUTF8))
612.             self.esperant[4].hide()
613.             self.estat[4]=8
614.
615.         def menjant6(self):
616.         if self.estat[5]==3:

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617.         self.esperant[5].setText("Menjant Primers")
618.         self.cua_primers=self.cua_primers[1:]
619.         self.timer.singleShot(5000,self.recul16)
620.     elif self.estat[5]==4:
621.         self.esperant[5].setText("Menjant Segons")
622.         self.cua_segons=self.cua_segons[1:]
623.         self.timer.singleShot(5000,self.recul16)
624.     elif main_window.estat[5]==7:
625.         self.esperant[5].setText("Prenent postres \n      i cafe")

626.         self.cua_postres=self.cua_postres[1:]
627.         self.timer.singleShot(5000,self.recul16)
628.
629.     def recull6(self):
630.     if self.estat[5]==3:
631.         self.bottons_D[5].show()
632.         self.bottons_D[5].setText(QtGui.QApplication.translate
        ("MainWindow", "Recull Primers", None, QtGui.QApplication.UnicodeUTF8))

633.         self.esperant[5].hide()
634.         self.estat[5]=4
635.     elif self.estat[5]==4:
636.         self.bottons_D[5].show()
637.         self.bottons_D[5].setText(QtGui.QApplication.translate
        ("MainWindow", "Recull Segons", None, QtGui.QApplication.UnicodeUTF8))
638.         self.esperant[5].hide()
639.         self.estat[5]=5
640.     elif main_window.estat[5]==7:
641.         self.bottons_D[5].show()
642.         self.bottons_D[5].setText(QtGui.QApplication.translate
        ("MainWindow", "Demana compte", None, QtGui.QApplication.UnicodeUTF8))
643.         self.esperant[5].hide()
644.         self.estat[5]=8
645.
646.     def carta_primers(self):
647.     p=self.taules[self.taula_clicada-1]
648.     finestra.label.hide()
649.     finestra.label.setText(QtGui.QApplication.translate("Form", "
    TAULA NÀŠMERO: "+str(self.taula_clicada), None, QtGui.QApplication.Unico
    deUTF8))
650.     finestra.label.show()
651.     finestra.tableWidget.hide()
652.     finestra.tableWidget_2.hide()
653.     finestra.tableWidget_3.hide()
654.     finestra.tableWidget_4.hide()
655.     finestra.pushButton_2.hide()
656.     for i in range(16):
657.         finestra.label_p[i].hide()
658.     for i in range(21):
659.         finestra.label_compte[i].hide()
660.     for i in range(8):
661.         finestra.combos[i].hide()
662.     for i in range(8):
663.         finestra.plats_labels[i].hide()
664.     for i in range(4):
665.         finestra.client_labels[i].hide()
666.     for i in range(2*p):
667.         for k in range(6):
668.             if i%2==0:

```

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```

669.             finestra.combos[i].setItemText(k, QtGui.QApplication.
on.translate("Form", self.nom_primers[k], None, QtGui.QApplication.Unico
deUTF8))
670.                 elif i%2==1:
671.                     finestra.combos[i].setItemText(k, QtGui.QApplication.
on.translate("Form", self.nom_segons[k], None, QtGui.QApplication.Unicod
eUTF8))
672.                     finestra.combos[i].show()
673.
674.                 for i in range (2*p):
675.                     if i%2==0:
676.                         finestra.plats_labels[i].setText("Primer Plat")
677.                     elif i%2!=0:
678.                         finestra.plats_labels[i].setText("Segon Plat")
679.                         finestra.plats_labels[i].show()
680.                 for i in range (p):
681.                     finestra.client_labels[i].show()
682.                     finestra.pushButton.setText(QtGui.QApplication.translate("For
m", "Demanar", None, QtGui.QApplication.UnicodeUTF8))
683.
684.                 if p==1:
685.                     finestra.pushButton.setGeometry(QtCore.QRect(140, 165
, 98, 27))
686.                     Form.resize(350, 220)
687.                     finestra.label.setGeometry(QtCore.QRect(120, 10, 161,
17))
688.                 elif p==2:
689.                     finestra.pushButton.setGeometry(QtCore.QRect(280, 165
, 98, 27))
690.                     Form.resize(660, 220)
691.                     finestra.label.setGeometry(QtCore.QRect(250, 10, 161, 17)
)
692.                 else:
693.                     finestra.pushButton.setGeometry(QtCore.QRect(280, 320
, 98, 27))
694.                     Form.resize(660, 370)
695.                     finestra.label.setGeometry(QtCore.QRect(250, 10, 161, 17)
)
696.                     finestra.pushButton.show()
697.                     Form.show()
698.
699.                 def plats_triats(self):
700.                     plats=[]
701.                     clients=self.taules[self.taula_clicada-1]
702.                     i=0
703.                     while i<clients*2:
704.                         plats=plats+[[finestra.combos[i].currentIndex()+1,finestr
a.combos[i+1].currentIndex()+1]]
705.                         i=i+2
706.                         self.botons_D[self.taula_clicada-1].hide()
707.                         self.esperant[self.taula_clicada-
1].setText("Esperant Primers")
708.                         self.esperant[self.taula_clicada-1].show()
709.                         self.estat[self.taula_clicada-1]=3
710.                         x=(self.taula_clicada,clients)
711.                         self.cua_primers.append(x)
712.                         t=fitxers.temps_espera(self.cua_primers)
713.                         if self.taula_clicada==1:
714.                             self.timer.singleShot(t,self.menjan1)

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```

715.         elif self.taula_clicada==2:
716.             self.timer.singleShot(t,self.menjan2)
717.         elif self.taula_clicada==3:
718.             self.timer.singleShot(t,self.menjan3)
719.         elif self.taula_clicada==4:
720.             self.timer.singleShot(t ,self.menjan4)
721.         elif self.taula_clicada==5:
722.             self.timer.singleShot(t,self.menjan5)
723.         elif self.taula_clicada==6:
724.             self.timer.singleShot(t,self.menjan6)
725.         fitxers.demana_plats(self.taula_clicada,plats)
726.         data=(time.strftime("%d/%m/%y"),time.strftime("%H:%M:%S"))
727.         fitxers.esdeveniment_2(data,plats,self.taula_clicada)
728.
729.         def marxa(self):
730.             i=0
731.             p=self.taulas[self.taula_clicada-1]
732.             while i<p:
733.                 self.cares[4*(self.taula_clicada-1)+i].hide()
734.                 i=i+1
735.             self.taulas[self.taula_clicada-1]=0
736.             self.botons_D[self.taula_clicada-1].hide()
737.             self.pushButtonEntrada.show()
738.             self.comboBoxEntrada.show()
739.             self.labelEntrada.setText("Quants clients entren?")
740.             for i in range(21):
741.                 finestra.label_compte[i].hide()
742.             for i in range(16):
743.                 finestra.label_p[i].hide()
744.             fitxers.afegeix_historic(self.taula_clicada)
745.             data=(time.strftime("%d/%m/%y"),time.strftime("%H:%M:%S"))
746.             num_clients=self.esd[0]
747.             diners=self.esd[1]
748.             taula=self.esd[2]
749.             fitxers.esdeveniment_4(data,num_clients,diners,taula)
750.
751.         def tanca_widget(self):
752.             finestra.label.hide()
753.             finestra.pushButton.hide()
754.             finestra.pushButton_2.hide()
755.             for i in range(16):
756.                 finestra.label_p[i].hide()
757.             for i in range(21):
758.                 finestra.label_compte[i].hide()
759.             for i in range(8):
760.                 finestra.combos[i].hide()
761.             for i in range(8):
762.                 finestra.plats_labels[i].hide()
763.             for i in range(4):
764.                 finestra.client_labels[i].hide()
765.             finestra.tableWidget.hide()
766.             finestra.tableWidget_2.hide()
767.             finestra.tableWidget_3.hide()
768.             finestra.tableWidget_4.hide()
769.             Form.close()
770.
771.         def espera_postres(self):
772.             plats=[]
773.             clients=self.taulas[self.taula_clicada-1]

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```

774.         i=0
775.         while i<clients*2:
776.             plats=plats+[[finestra.combos[i].currentIndex()+1,finestr
a.combos[i+1].currentIndex()+1]]
777.             i=i+2
778.             fitxers.demana_postres(self.taula_clicada,plats)
779.             self.botons_D[self.taula_clicada-1].hide()
780.             self.esperant[self.taula_clicada-
1].setText("Esperant Postres")
781.             self.esperant[self.taula_clicada-1].show()
782.
783.             postres=fitxers.postres(self.taula_clicada)
784.             cafes=fitxers.cafes(self.taula_clicada)
785.             postres_demanades=[]
786.             cafes_demanats=[]
787.             for i in postres:
788.                 if i!=6:
789.                     postres_demanades=postres_demanades+[i]
790.             for i in cafes:
791.                 if i!=6:
792.                     cafes_demanats=cafes_demanats+[i]
793.             numero=len(postres_demanades)+len(cafes_demanats)
794.             x=(self.taula_clicada,numero)
795.             self.cua_postres.append(x)
796.             t=fitxers.temps_espera(self.cua_postres)
797.             if self.taula_clicada==1:
798.                 self.timer.singleShot(t/4,self.menjan1)
799.             elif self.taula_clicada==2:
800.                 self.timer.singleShot(t/4,self.menjan2)
801.             elif self.taula_clicada==3:
802.                 self.timer.singleShot(t/4,self.menjan3)
803.             elif self.taula_clicada==4:
804.                 self.timer.singleShot(t/4,self.menjan4)
805.             elif self.taula_clicada==5:
806.                 self.timer.singleShot(t/4,self.menjan5)
807.             elif self.taula_clicada==6:
808.                 self.timer.singleShot(t/4,self.menjan6)
809.
810.             data=(time.strftime("%d/%m/%y"),time.strftime("%H:%M:%S"))
811.             llista_plats=[postres_demanades,cafes_demanats]
812.             taula=self.taula_clicada
813.             fitxers.esdeveniment_3(data,llista_plats,taula)
814.
815.             def boto_postres(self):
816.                 self.botons_D[self.taula_clicada-1].hide()
817.                 self.botons_D[self.taula_clicada-
1].setText("Carta de Postres")
818.                 self.botons_D[self.taula_clicada-1].show()
819.                 self.estat[self.taula_clicada-1]=6
820.
821.             def obre_compte(self):
822.                 plats=fitxers.quants_plats(self.taula_clicada)
823.                 finestra.label.hide()
824.                 p=self.taules[self.taula_clicada-1]
825.                 preu=fitxers.preu(self.taula_clicada,self.preu_primers,self.p
reu_segons,self.preu_postres,self.preu_cafes)
826.                 finestra.tableWidget.hide()
827.                 finestra.tableWidget_2.hide()
828.                 finestra.tableWidget_3.hide()

```


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```

871.         m=0
872.         for i in postres_demanades:
873.             string=""
874.             string=string+self.nom_postres[i-1][0:22]
875.             finestra.label_compte[m+4+p+p].setText(QtGui.QApplication
876.                 .translate("Form", string, None, QtGui.QApplication.UnicodeUTF8))
877.             finestra.label_compte[m+4+p+p].setGeometry(QtCore.QRect(50, (m+4+p+p)*15+50, 500, 10))
878.             finestra.label_p[m+p+p].setText(QtGui.QApplication.transl
879.                 ate("Form", self.str_postres[i-
880.                 1], None, QtGui.QApplication.UnicodeUTF8))
881.             finestra.label_p[m+p+p].setGeometry(QtCore.QRect(220,
882.                 (m+4+p+p)*15+50, 500, 10))
883.             finestra.label_p[m+p+p].show()
884.             m=m+1
885.             n=0
886.             for i in cafes_demanats:
887.                 string=""
888.                 string=string+self.nom_cafes[i-1][0:22]
889.                 finestra.label_compte[n+4+p+p+len(postres_demanades)].set
890.                     Text(QtGui.QApplication.translate("Form", string, None, QtGui.QApplicati
891.                     on.UnicodeUTF8))
892.                 finestra.label_compte[n+4+p+p+len(postres_demanades)]
893.                     .setGeometry(QtCore.QRect(50, (n+4+p+p+len(postres_demanades))*15+50, 50
894.                     0, 10))
895.                 finestra.label_p[n+p+p+len(postres_demanades)].setText(Qt
896.                     Gui.QApplication.translate("Form", self.str_cafes[i-
897.                     1], None, QtGui.QApplication.UnicodeUTF8))
898.                 finestra.label_p[n+p+p+len(postres_demanades)].setGeo
899.                     metry(QtCore.QRect(220, (4+n+p+p+len(postres_demanades))*15+50, 500, 10)
900.                     )
901.                 finestra.label_p[n+p+p+len(postres_demanades)].show()
902.                 n=n+1
903.             for i in range(4+plats):
904.                 finestra.label_compte[i].show()
905.                 finestra.label_compte[20].show()
906.                 finestra.pushButton.setText(QtGui.QApplication.translate("For
907.                 m", "Pagar i marxar", None, QtGui.QApplication.UnicodeUTF8))
908.                 finestra.pushButton.setGeometry(QtCore.QRect(65, 150+15*p
909.                 lats, 98, 27))
910.                 finestra.label_compte[20].setText(QtGui.QApplication.translat
911.                     e("Form", "TOTAL: "+str(preu)+"0â,-", None, QtGui.QApplication.UnicodeU
912.                     TF8))
913.                 finestra.label_compte[20].setGeometry(QtCore.QRect(50, 12
914.                     0+15*plats, 150, 10))
915.                 finestra.pushButton.show()
916.                 Form.resize(300, 220+15*plats)
917.                 Form.show()
918.                 self.esd=[self.c[self.taula_clicada-
919.                 1],str(preu)+'0',self.taula_clicada]
920.
921.             def carta_postres(self):
922.                 p=self.taules[self.taula_clicada-1]
923.                 finestra.tableWidget.hide()
924.                 finestra.tableWidget_2.hide()
925.                 finestra.tableWidget_3.hide()
926.                 finestra.tableWidget_4.hide()
927.                 finestra.pushButton.hide()

```


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```

911.         finestra.pushButton_2.hide()
912.         finestra.label.hide()
913.         finestra.label.setText(QtGui.QApplication.translate("Form", "
    TAULA NÀŠMERO: "+str(self.taula_clicada), None, QtGui.QApplication.Unico
    deUTF8))
914.         finestra.label.show()
915.         for i in range(16):
916.             finestra.label_p[i].hide()
917.         for i in range(21):
918.             finestra.label_compte[i].hide()
919.         for i in range(8):
920.             finestra.combos[i].hide()
921.         for i in range(8):
922.             finestra.plats_labels[i].hide()
923.         for i in range(4):
924.             finestra.client_labels[i].hide()
925.         for i in range(2*p):
926.             for k in range(6):
927.                 if i%2==0:
928.                     finestra.combos[i].setItemText(k,QtGui.QApplicati
    on.translate("Form", self.nom_postres[k], None, QtGui.QApplication.Unico
    deUTF8))
929.                 elif i%2==1:
930.                     finestra.combos[i].setItemText(k,QtGui.QApplicati
    on.translate("Form", self.nom_cafes[k], None, QtGui.QApplication.Unicode
    UTF8))
931.             finestra.combos[i].show()
932.
933.         for i in range (2*p):
934.             if i%2==0:
935.                 finestra.plats_labels[i].setText("Postres")
936.             elif i%2!=0:
937.                 finestra.plats_labels[i].setText("Cafes")
938.             finestra.plats_labels[i].show()
939.         for i in range (p):
940.             finestra.client_labels[i].show()
941.         finestra.pushButton.setText(QtGui.QApplication.translate("For
    m", "Demandar", None, QtGui.QApplication.UnicodeUTF8))
942.         if p==1:
943.             finestra.pushButton.setGeometry(QtCore.QRect(140, 165
    , 98, 27))
944.             Form.resize(350, 220)
945.             finestra.label.setGeometry(QtCore.QRect(120, 10, 161,
    17))
946.         elif p==2:
947.             finestra.pushButton.setGeometry(QtCore.QRect(280, 165
    , 98, 27))
948.             Form.resize(660, 220)
949.             finestra.label.setGeometry(QtCore.QRect(250, 10, 161, 17)
    )
950.         else:
951.             finestra.pushButton.setGeometry(QtCore.QRect(280, 320
    , 98, 27))
952.             Form.resize(660, 370)
953.             finestra.label.setGeometry(QtCore.QRect(250, 10, 161, 17)
    )
954.         finestra.pushButton.show()
955.         Form.show()
956.

```


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```

957.         def mou(self):
958.             if self.taula==0 or self.taula==2 or self.taula==4:
959.                 posx=400
960.             else:
961.                 posx=480
962.             for i in range(self.num_persones):
963.                 self.cares[4*self.taula+i].show()
964.                 self.cares[4*self.taula+i].setGeometry(QtCore.QRect(self.
x_actual[i], self.y_actual[i], 50, 38))
965.                 if self.x_actual[i]<posx and self.y_actual[i]!=self.fyy[i
]:
966.                     self.x_actual[i]=self.x_actual[i]+1
967.                 elif self.y_actual[i]!=self.fyy[i]:
968.                     if self.y_actual[i]>self.fyy[i]:
969.                         self.y_actual[i]=self.y_actual[i]-1
970.                     else:
971.                         self.y_actual[i]=self.y_actual[i]+1
972.                 elif self.x_actual[i]!=self.fxx[i]:
973.                     if self.x_actual[i]>self.fxx[i]:
974.                         self.x_actual[i]=self.x_actual[i]-1
975.                     else:
976.                         self.x_actual[i]=self.x_actual[i]+1
977.                 if self.x_actual!=self.fxx or self.y_actual!=self.fyy:
978.                     self.timer.singleShot(5,self.mou)
979.             else:
980.                 self.bottons_D[self.taula].setText("Veure carta")
981.                 self.bottons_D[self.taula].show()
982.                 self.estat[self.taula]=1
983.                 if self.taules[0] and self.taules[1] and self.taules[2] a
nd self.taules[3] and self.taules[4] and self.taules[5]!=0:
984.                     self.pushButtonEntrada.hide()
985.                     self.comboBoxEntrada.hide()
986.                     self.labelEntrada.setText("TAULES PLENES!!")
987.                 else:
988.                     self.pushButtonEntrada.show()
989.                     self.comboBoxEntrada.show()
990.                     self.labelEntrada.setText("Quants clients entren?")

991.         def seure(self):
992.             taules=self.taules
993.             self.num_persones=self.comboBoxEntrada.currentIndex()+1
994.             self.taula=0
995.             self.fxx=[]
996.             self.fyy=[]
997.             self.x_actual=[]
998.             self.y_actual=[]
999.             i=0
1000.            p=0
1001.            while i!=6:
1002.                if taules[i]==0:
1003.                    taules[i]=self.num_persones
1004.                    taula=i
1005.                    for c in range(self.num_persones):
1006.                        self.x_actual.append(self.x_inici[c])
1007.                        self.y_actual.append(self.y_inici[c])
1008.                        self.fxx.append(self.x_final[self.taula*4+c])
1009.                        self.fyy.append(self.y_final[self.taula*4+c])

```

```

1010.
1011.         self.pushButtonEntrada.hide()
1012.         self.comboBoxEntrada.hide()
1013.         self.labelEntrada.setText("Espera...")
1014.         i=6
1015.     else:
1016.         i=i+1
1017.         self.taula=self.taula+1
1018.         self.c[self.taula]=fitxers.num_client()
1019.         fitxers.suma_client()
1020.         self.mou()
1021.         data=(time.strftime("%d/%m/%y"),time.strftime("%H:%M:%S"))
1022.         fitxers.esdeveniment_1(data,self.c[self.taula],self.taula+1)

1023.     return self.taulas
1024.
1025.
1026.     def historics(self):
1027.         finestra.label.hide()
1028.         finestra.label.setText(QtGui.QApplication.translate("Form", "
TAULA NÀŠMERO: "+str(self.taula_clicada), None, QtGui.QApplication.Unico
deUTF8))
1029.         finestra.pushButton.hide()
1030.         finestra.pushButton_2.hide()
1031.         for i in range(16):
1032.             finestra.label_p[i].hide()
1033.         for i in range(21):
1034.             finestra.label_compte[i].hide()
1035.         for i in range(8):
1036.             finestra.combos[i].hide()
1037.         for i in range(8):
1038.             finestra.plats_labels[i].hide()
1039.         for i in range(4):
1040.             finestra.client_labels[i].hide()
1041.         finestra.pushButton_2.setText(QtGui.QApplication.translate("F
orm", "Tanca", None, QtGui.QApplication.UnicodeUTF8))
1042.         finestra.pushButton_2.show()
1043.         finestra.tableWidget.setGeometry(QtCore.QRect(30, 30, 227, 20
7))
1044.         finestra.tableWidget_2.setGeometry(QtCore.QRect(400, 30, 227,
207))
1045.         finestra.tableWidget_3.setGeometry(QtCore.QRect(30, 247, 227,
207))
1046.         finestra.tableWidget_4.setGeometry(QtCore.QRect(400, 247, 227
, 207))
1047.         taules=[finestra.tableWidget,finestra.tableWidget_2,finestra.
tableWidget_3,finestra.tableWidget_4]
1048.         for i in taules:
1049.             i.setMaximumSize(QtCore.QSize(2810, 16777215))
1050.             i.setStyleSheet("background-
color: rgb(149, 227, 255);")
1051.             i.setRowCount(6)
1052.             i.setColumnCount(2)
1053.             i.setObjectName("tableWidget")
1054.             item = QtGui.QTableWidgetItem()
1055.             i.setHorizontalHeaderItem(0, item)
1056.             item = QtGui.QTableWidgetItem()
1057.             i.setHorizontalHeaderItem(1, item)
1058.             i.horizontalHeader().setMinimumSectionSize(75)

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1059.             i.setColumnWidth(0, 200)
1060.             i.setColumnWidth(1, 25)
1061.             i.verticalHeader().setVisible(False)
1062.             i.verticalHeader().setCascadingSectionResizes(True)
1063.             i.show()
1064.             primers=["Amanida catalana","Amanida verda","Entremes","Canel
ons casolans","Cargols a la llauna","Musclos al vapor"]
1065.             segons=["Entrecot","Xai amb patates","Calamars a la romana","
Bacalla amb samfaina","Escalopa","Conill al forn"]
1066.             postres=["Fruita","Iogurt","Flam amb nata","Gelats","Crema cat
alana","No ha pres res"]
1067.             cafes=["Cafe/tallat","Cafe amb llet","Te","Aigua d'herbes","L
icor","No ha pres res"]
1068.
1069.             for i in range(6):
1070.                 newitem=QtGui.QTableWidgetItem(primers[i])
1071.                 finestra.tableWidget.setItem(i,0,newitem)
1072.             for i in range(6):
1073.                 newitem=QtGui.QTableWidgetItem(fitxers.llegir_historic(1,
i))
1074.                 finestra.tableWidget.setItem(i,1,newitem)
1075.
1076.             for i in range(6):
1077.                 newitem=QtGui.QTableWidgetItem(segons[i])
1078.                 finestra.tableWidget_2.setItem(i,0,newitem)
1079.             for i in range(6):
1080.                 newitem=QtGui.QTableWidgetItem(fitxers.llegir_historic(2,
i))
1081.                 finestra.tableWidget_2.setItem(i,1,newitem)
1082.
1083.             for i in range(6):
1084.                 newitem=QtGui.QTableWidgetItem(postres[i])
1085.                 finestra.tableWidget_3.setItem(i,0,newitem)
1086.             for i in range(6):
1087.                 newitem=QtGui.QTableWidgetItem(fitxers.llegir_historic(3,
i))
1088.                 finestra.tableWidget_3.setItem(i,1,newitem)
1089.
1090.             for i in range(6):
1091.                 newitem=QtGui.QTableWidgetItem(cafes[i])
1092.                 finestra.tableWidget_4.setItem(i,0,newitem)
1093.             for i in range(6):
1094.                 newitem=QtGui.QTableWidgetItem(fitxers.llegir_historic(4,
i))
1095.                 finestra.tableWidget_4.setItem(i,1,newitem)
1096.
1097.             finestra.tableWidget.horizontalHeaderItem(0).setText(QtGui.
i.QApplication.translate("mainWindow", "Primers Plats", None, QtGui.QApp
lication.UnicodeUTF8))
1098.             finestra.tableWidget_2.horizontalHeaderItem(0).setText(QtGui.
i.QApplication.translate("mainWindow", "Segons Plats", None, QtGui.QApplic
ation.UnicodeUTF8))
1099.             finestra.tableWidget_3.horizontalHeaderItem(0).setText(QtGui.
i.QApplication.translate("mainWindow", "Postres", None, QtGui.QApplication
.UnicodeUTF8))
1100.             finestra.tableWidget_4.horizontalHeaderItem(0).setText(QtGui.
i.QApplication.translate("mainWindow", "Cafes", None, QtGui.QApplication.U
nicodeUTF8))
1101.             Form.resize(660, 500)

```

```

1102.         Form.show()
1103.
1104.         def t1(self):
1105.             self.taula_clicada=1
1106.         def t2(self):
1107.             self.taula_clicada=2
1108.         def t3(self):
1109.             self.taula_clicada=3
1110.         def t4(self):
1111.             self.taula_clicada=4
1112.         def t5(self):
1113.             self.taula_clicada=5
1114.         def t6(self):
1115.             self.taula_clicada=6
1116.
1117.         #####
1118.         def retranslateUi(self, MainWindow):
1119.             MainWindow.setWindowTitle(QtGui.QApplication.translate("M
1200.             self.comboBoxEntrada.setItemText(0, QtGui.QApplication.tr
1201.             anslate("MainWindow", "1 persona", None, QtGui.QApplication.UnicodeUTF8)
1202.             )
1203.             self.comboBoxEntrada.setItemText(1, QtGui.QApplication.tr
1204.             anslate("MainWindow", "2 persones", None, QtGui.QApplication.UnicodeUTF8
1205.             ))
1206.             self.comboBoxEntrada.setItemText(2, QtGui.QApplication.tr
1207.             anslate("MainWindow", "3 persones", None, QtGui.QApplication.UnicodeUTF8
1208.             ))
1209.             self.comboBoxEntrada.setItemText(3, QtGui.QApplication.tr
1210.             anslate("MainWindow", "4 persones", None, QtGui.QApplication.UnicodeUTF8
1211.             ))
1212.             self.pushButtonEntrada.setStyleSheet(QtGui.QApplication.t
1213.             ranslate("MainWindow", "background-
1214.             color: rgb(255, 255, 255);", None, QtGui.QApplication.UnicodeUTF8))
1215.             self.pushButtonEntrada.setText(QtGui.QApplication.transla
1216.             te("MainWindow", "Endavant!", None, QtGui.QApplication.UnicodeUTF8))
1217.             self.pushButtonD_1.setStyleSheet(QtGui.QApplication.trans
1218.             late("MainWindow", "background-
1219.             color: rgb(255, 255, 255);", None, QtGui.QApplication.UnicodeUTF8))
1220.             self.pushButtonD_1.setText(QtGui.QApplication.translate("
1221.             MainWindow", "Veure carta", None, QtGui.QApplication.UnicodeUTF8))
1222.             self.pushButtonB_1.setStyleSheet(QtGui.QApplication.trans
1223.             late("MainWindow", "background-
1224.             color: rgb(255, 255, 255);", None, QtGui.QApplication.UnicodeUTF8))
1225.             self.pushButtonB_1.setText(QtGui.QApplication.translate("
1226.             MainWindow", "HistÃ²ric plats", None, QtGui.QApplication.UnicodeUTF8))
1227.             self.labelEntrada.setText(QtGui.QApplication.translate("M
1228.             ainWindow", "Quants clients entren?", None, QtGui.QApplication.UnicodeUT
1229.             F8))
1230.             self.pushButtonB_2.setStyleSheet(QtGui.QApplication.trans
1231.             late("MainWindow", "background-
1232.             color: rgb(255, 255, 255);", None, QtGui.QApplication.UnicodeUTF8))
1233.             self.pushButtonB_2.setText(QtGui.QApplication.translate("
1234.             MainWindow", "Registre"+"\\n"+ "d'esdeveniments", None, QtGui.QApplicatio
1235.             n.UnicodeUTF8))
1236.             self.pushButtonD_2.setStyleSheet(QtGui.QApplication.trans
1237.             late("MainWindow", "background-
1238.             color: rgb(255, 255, 255);", None, QtGui.QApplication.UnicodeUTF8))

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1134.         self.pushButtonD_2.setText(QtGui.QApplication.translate("
MainWindow", "Veure carta", None, QtGui.QApplication.UnicodeUTF8))
1135.         self.pushButtonB_3.setStyleSheet(QtGui.QApplication.trans
late("MainWindow", "background-
color: rgb(255, 255, 255);", None, QtGui.QApplication.UnicodeUTF8))
1136.         self.pushButtonB_3.setText(QtGui.QApplication.translate("
MainWindow", "Demamar!", None, QtGui.QApplication.UnicodeUTF8))
1137.         self.pushButtonD_3.setStyleSheet(QtGui.QApplication.trans
late("MainWindow", "background-
color: rgb(255, 255, 255);", None, QtGui.QApplication.UnicodeUTF8))
1138.         self.pushButtonD_3.setText(QtGui.QApplication.translate("
MainWindow", "Veure carta", None, QtGui.QApplication.UnicodeUTF8))
1139.         self.pushButtonB_4.setStyleSheet(QtGui.QApplication.trans
late("MainWindow", "background-
color: rgb(255, 255, 255);", None, QtGui.QApplication.UnicodeUTF8))
1140.         self.pushButtonB_4.setText(QtGui.QApplication.translate("
MainWindow", "Demamar!", None, QtGui.QApplication.UnicodeUTF8))
1141.         self.pushButtonD_4.setStyleSheet(QtGui.QApplication.trans
late("MainWindow", "background-
color: rgb(255, 255, 255);", None, QtGui.QApplication.UnicodeUTF8))
1142.         self.pushButtonD_4.setText(QtGui.QApplication.translate("
MainWindow", "Veure carta", None, QtGui.QApplication.UnicodeUTF8))
1143.         self.pushButtonB_5.setStyleSheet(QtGui.QApplication.trans
late("MainWindow", "background-
color: rgb(255, 255, 255);", None, QtGui.QApplication.UnicodeUTF8))
1144.         self.pushButtonB_5.setText(QtGui.QApplication.translate("
MainWindow", "Demamar!", None, QtGui.QApplication.UnicodeUTF8))
1145.         self.pushButtonD_5.setStyleSheet(QtGui.QApplication.trans
late("MainWindow", "background-
color: rgb(255, 255, 255);", None, QtGui.QApplication.UnicodeUTF8))
1146.         self.pushButtonD_5.setText(QtGui.QApplication.translate("
MainWindow", "Veure carta", None, QtGui.QApplication.UnicodeUTF8))
1147.         self.pushButtonB_6.setStyleSheet(QtGui.QApplication.trans
late("MainWindow", "background-
color: rgb(255, 255, 255);", None, QtGui.QApplication.UnicodeUTF8))
1148.         self.pushButtonB_6.setText(QtGui.QApplication.translate("
MainWindow", "Demamar!", None, QtGui.QApplication.UnicodeUTF8))
1149.         self.pushButtonD_6.setStyleSheet(QtGui.QApplication.trans
late("MainWindow", "background-
color: rgb(255, 255, 255);", None, QtGui.QApplication.UnicodeUTF8))
1150.         self.pushButtonD_6.setText(QtGui.QApplication.translate("
MainWindow", "Veure carta", None, QtGui.QApplication.UnicodeUTF8))
1151.
1152.         ##### WIDGET CARTA #####
1153.         try:
1154.             _fromUtf8 = QtCore.QString.fromUtf8
1155.         except AttributeError:
1156.             _fromUtf8 = lambda s: s
1157.
1158.         class Ui_Form(object):
1159.             def setupUi(self, Form):
1160.                 Form.setObjectName(_fromUtf8("Form"))
1161.                 Form.resize(660, 370)
1162.                 Form.setStyleSheet(_fromUtf8("background-
color: rgb(255, 255, 255);"))
1163.                 self.tableWidget = QtGui.QTableWidget(Form)
1164.                 self.tableWidget_2 = QtGui.QTableWidget(Form)
1165.                 self.tableWidget_3 = QtGui.QTableWidget(Form)
1166.                 self.tableWidget_4 = QtGui.QTableWidget(Form)

```

Annex

```

1167.         self.pushButton = QtGui.QPushButton(Form)
1168.         self.pushButton.setGeometry(QtCore.QRect(280, 320, 98, 27
1169.         ))
1170.         self.pushButton.setStyleSheet(_fromUtf8("background-
1171.         color: rgb(235, 235, 235);"))
1172.         self.pushButton.setObjectName(_fromUtf8("pushButton"))
1173.         self.pushButton_2 = QtGui.QPushButton(Form)
1174.         self.pushButton_2.setGeometry(QtCore.QRect(280, 320, 98, 27))
1175.
1176.         self.pushButton_2.setStyleSheet(_fromUtf8("background-
1177.         color: rgb(235, 235, 235);"))
1178.         self.comboBox = QtGui.QComboBox(Form)
1179.         self.comboBox.setGeometry(QtCore.QRect(95, 80, 230, 25))
1180.
1181.         self.comboBox.setStyleSheet(_fromUtf8("background-
1182.         color: rgb(239, 239, 239);"))
1183.         self.comboBox.setObjectName(_fromUtf8("comboBox"))
1184.         self.comboBox.addItem(_fromUtf8(""))
1185.         self.comboBox.addItem(_fromUtf8(""))
1186.         self.comboBox.addItem(_fromUtf8(""))
1187.         self.comboBox.addItem(_fromUtf8(""))
1188.         self.comboBox.addItem(_fromUtf8(""))
1189.         self.comboBox.addItem(_fromUtf8(""))
1190.         self.label = QtGui.QLabel(Form)
1191.         self.label.setGeometry(QtCore.QRect(250, 10, 161, 17))
1192.         self.label.setObjectName(_fromUtf8("label"))
1193.         self.label_2 = QtGui.QLabel(Form)
1194.         self.label_2.setGeometry(QtCore.QRect(170, 50, 91, 17))
1195.         self.label_2.setObjectName(_fromUtf8("label_2"))
1196.         self.label_3 = QtGui.QLabel(Form)
1197.         self.label_3.setGeometry(QtCore.QRect(480, 50, 91, 17))
1198.         self.label_3.setObjectName(_fromUtf8("label_3"))
1199.         self.label_4 = QtGui.QLabel(Form)
1200.         self.label_4.setGeometry(QtCore.QRect(180, 190, 91, 17))
1201.
1202.         self.label_4.setObjectName(_fromUtf8("label_4"))
1203.         self.label_5 = QtGui.QLabel(Form)
1204.         self.label_5.setGeometry(QtCore.QRect(490, 190, 91, 17))
1205.
1206.         self.label_5.setObjectName(_fromUtf8("label_5"))
1207.         self.label_6 = QtGui.QLabel(Form)
1208.         self.label_6.setGeometry(QtCore.QRect(14, 83, 81, 17))
1209.         self.label_6.setObjectName(_fromUtf8("label_6"))
1210.         self.label_7 = QtGui.QLabel(Form)
1211.         self.label_7.setGeometry(QtCore.QRect(15, 127, 81, 17))
1212.         self.label_7.setObjectName(_fromUtf8("label_7"))
1213.         self.label_8 = QtGui.QLabel(Form)
1214.         self.label_8.setGeometry(QtCore.QRect(340, 83, 81, 17))
1215.         self.label_8.setObjectName(_fromUtf8("label_8"))
1216.         self.label_9 = QtGui.QLabel(Form)
1217.         self.label_9.setGeometry(QtCore.QRect(340, 127, 81, 17))
1218.
1219.         self.label_9.setObjectName(_fromUtf8("label_9"))
1220.         self.label_10 = QtGui.QLabel(Form)
1221.         self.label_10.setGeometry(QtCore.QRect(15, 222, 81, 17))
1222.
1223.         self.label_10.setObjectName(_fromUtf8("label_10"))
1224.         self.label_11 = QtGui.QLabel(Form)

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1215.         self.label_11.setGeometry(QRect(15, 266, 81, 17))

1216.         self.label_11.setObjectName(_fromUtf8("label_11"))
1217.         self.label_12 = QtGui.QLabel(Form)
1218.         self.label_12.setGeometry(QRect(340, 222, 81, 17))

1219.         self.label_12.setObjectName(_fromUtf8("label_12"))
1220.         self.label_13 = QtGui.QLabel(Form)
1221.         self.label_13.setGeometry(QRect(340, 266, 81, 17))

1222.         self.label_13.setObjectName(_fromUtf8("label_13"))
1223.         self.comboBox_2 = QtGui.QComboBox(Form)
1224.         self.comboBox_2.setGeometry(QRect(95, 120, 230, 25
1225.         ))
1226.         self.comboBox_2.setStyleSheet(_fromUtf8("background-
color: rgb(239, 239, 239);"))
1227.         self.comboBox_2.setObjectName(_fromUtf8("comboBox_2"))
1228.         self.comboBox_2.addItem(_fromUtf8(""))
1229.         self.comboBox_2.addItem(_fromUtf8(""))
1230.         self.comboBox_2.addItem(_fromUtf8(""))
1231.         self.comboBox_2.addItem(_fromUtf8(""))
1232.         self.comboBox_2.addItem(_fromUtf8(""))
1233.         self.comboBox_3 = QtGui.QComboBox(Form)
1234.         self.comboBox_3.setGeometry(QRect(420, 120, 230, 2
1235.         5))
1236.         self.comboBox_3.setStyleSheet(_fromUtf8("background-
color: rgb(239, 239, 239);"))
1237.         self.comboBox_3.setObjectName(_fromUtf8("comboBox_3"))
1238.         self.comboBox_3.addItem(_fromUtf8(""))
1239.         self.comboBox_3.addItem(_fromUtf8(""))
1240.         self.comboBox_3.addItem(_fromUtf8(""))
1241.         self.comboBox_3.addItem(_fromUtf8(""))
1242.         self.comboBox_3.addItem(_fromUtf8(""))
1243.         self.comboBox_4 = QtGui.QComboBox(Form)
1244.         self.comboBox_4.setGeometry(QRect(420, 80, 230, 25
1245.         ))
1246.         self.comboBox_4.setStyleSheet(_fromUtf8("background-
color: rgb(239, 239, 239);"))
1247.         self.comboBox_4.setObjectName(_fromUtf8("comboBox_4"))
1248.         self.comboBox_4.addItem(_fromUtf8(""))
1249.         self.comboBox_4.addItem(_fromUtf8(""))
1250.         self.comboBox_4.addItem(_fromUtf8(""))
1251.         self.comboBox_4.addItem(_fromUtf8(""))
1252.         self.comboBox_4.addItem(_fromUtf8(""))
1253.         self.comboBox_5 = QtGui.QComboBox(Form)
1254.         self.comboBox_5.setGeometry(QRect(95, 260, 230, 25
1255.         ))
1256.         self.comboBox_5.setStyleSheet(_fromUtf8("background-
color: rgb(239, 239, 239);"))
1257.         self.comboBox_5.setObjectName(_fromUtf8("comboBox_5"))
1258.         self.comboBox_5.addItem(_fromUtf8(""))
1259.         self.comboBox_5.addItem(_fromUtf8(""))
1260.         self.comboBox_5.addItem(_fromUtf8(""))
1261.         self.comboBox_5.addItem(_fromUtf8(""))
1262.         self.comboBox_5.addItem(_fromUtf8(""))

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1263.         self.comboBox_6 = QtGui.QComboBox(Form)
1264.         self.comboBox_6.setGeometry(QtCore.QRect(95, 220, 230, 25
    ))
1265.         self.comboBox_6.setStyleSheet(_fromUtf8("background-
    color: rgb(239, 239, 239);"))
1266.         self.comboBox_6.setObjectName(_fromUtf8("comboBox_6"))
1267.         self.comboBox_6.addItem(_fromUtf8(""))
1268.         self.comboBox_6.addItem(_fromUtf8(""))
1269.         self.comboBox_6.addItem(_fromUtf8(""))
1270.         self.comboBox_6.addItem(_fromUtf8(""))
1271.         self.comboBox_6.addItem(_fromUtf8(""))
1272.         self.comboBox_6.addItem(_fromUtf8(""))
1273.         self.comboBox_7 = QtGui.QComboBox(Form)
1274.         self.comboBox_7.setGeometry(QtCore.QRect(420, 260, 230, 2
    5))
1275.         self.comboBox_7.setStyleSheet(_fromUtf8("background-
    color: rgb(239, 239, 239);"))
1276.         self.comboBox_7.setObjectName(_fromUtf8("comboBox_7"))
1277.         self.comboBox_7.addItem(_fromUtf8(""))
1278.         self.comboBox_7.addItem(_fromUtf8(""))
1279.         self.comboBox_7.addItem(_fromUtf8(""))
1280.         self.comboBox_7.addItem(_fromUtf8(""))
1281.         self.comboBox_7.addItem(_fromUtf8(""))
1282.         self.comboBox_7.addItem(_fromUtf8(""))
1283.         self.comboBox_8 = QtGui.QComboBox(Form)
1284.         self.comboBox_8.setGeometry(QtCore.QRect(420, 220, 230, 2
    5))
1285.         self.comboBox_8.setStyleSheet(_fromUtf8("background-
    color: rgb(239, 239, 239);"))
1286.         self.comboBox_8.setObjectName(_fromUtf8("comboBox_8"))
1287.         self.comboBox_8.addItem(_fromUtf8(""))
1288.         self.comboBox_8.addItem(_fromUtf8(""))
1289.         self.comboBox_8.addItem(_fromUtf8(""))
1290.         self.comboBox_8.addItem(_fromUtf8(""))
1291.         self.comboBox_8.addItem(_fromUtf8(""))
1292.         self.comboBox_8.addItem(_fromUtf8(""))
1293.         self.label_c1 = QtGui.QLabel(Form)
1294.         self.label_c1.setGeometry(QtCore.QRect(170, 50, 91, 20))
1295.         self.label_c1.setObjectName(_fromUtf8("label_c1"))
1296.         self.label_c2 = QtGui.QLabel(Form)
1297.         self.label_c2.setGeometry(QtCore.QRect(170, 50, 91, 20))
1298.         self.label_c2.setObjectName(_fromUtf8("label_c2"))
1299.         self.label_c3 = QtGui.QLabel(Form)
1300.         self.label_c3.setGeometry(QtCore.QRect(170, 50, 91, 20))
1301.         self.label_c3.setObjectName(_fromUtf8("label_c3"))
1302.         self.label_c4 = QtGui.QLabel(Form)
1303.         self.label_c4.setGeometry(QtCore.QRect(170, 50, 91, 20))
1304.         self.label_c4.setObjectName(_fromUtf8("label_c4"))
1305.         self.label_c5 = QtGui.QLabel(Form)
1306.         self.label_c5.setGeometry(QtCore.QRect(170, 50, 91, 20))
1307.         self.label_c5.setObjectName(_fromUtf8("label_c5"))
1308.         self.label_c6 = QtGui.QLabel(Form)
1309.         self.label_c6.setGeometry(QtCore.QRect(170, 50, 91, 20))

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1310.         self.label_c6.setObjectName(_fromUtf8("label_c6"))
1311.     self.label_c7 = QtGui.QLabel(Form)
1312.         self.label_c7.setGeometry(QtCore.QRect(170, 50, 91, 20))

1313.         self.label_c7.setObjectName(_fromUtf8("label_c7"))
1314.     self.label_c8 = QtGui.QLabel(Form)
1315.         self.label_c8.setGeometry(QtCore.QRect(170, 50, 91, 20))

1316.         self.label_c8.setObjectName(_fromUtf8("label_c8"))
1317.     self.label_c9 = QtGui.QLabel(Form)
1318.         self.label_c9.setGeometry(QtCore.QRect(170, 50, 91, 20))

1319.         self.label_c9.setObjectName(_fromUtf8("label_c9"))
1320.     self.label_c10 = QtGui.QLabel(Form)
1321.         self.label_c10.setGeometry(QtCore.QRect(170, 50, 91, 20))

1322.         self.label_c10.setObjectName(_fromUtf8("label_c10"))
1323.     self.label_c11 = QtGui.QLabel(Form)
1324.         self.label_c11.setGeometry(QtCore.QRect(170, 50, 91, 20))

1325.         self.label_c11.setObjectName(_fromUtf8("label_c11"))
1326.     self.label_c12 = QtGui.QLabel(Form)
1327.         self.label_c12.setGeometry(QtCore.QRect(170, 50, 91, 20))

1328.         self.label_c12.setObjectName(_fromUtf8("label_c12"))
1329.     self.label_c13 = QtGui.QLabel(Form)
1330.         self.label_c13.setGeometry(QtCore.QRect(170, 50, 91, 20))

1331.         self.label_c13.setObjectName(_fromUtf8("label_c13"))
1332.     self.label_c14 = QtGui.QLabel(Form)
1333.         self.label_c14.setGeometry(QtCore.QRect(170, 50, 91, 20))

1334.         self.label_c14.setObjectName(_fromUtf8("label_c14"))
1335.     self.label_c15 = QtGui.QLabel(Form)
1336.         self.label_c15.setGeometry(QtCore.QRect(170, 50, 91, 20))

1337.         self.label_c15.setObjectName(_fromUtf8("label_c15"))
1338.     self.label_c16 = QtGui.QLabel(Form)
1339.         self.label_c16.setGeometry(QtCore.QRect(170, 50, 91, 20))

1340.         self.label_c16.setObjectName(_fromUtf8("label_c16"))
1341.     self.label_c17 = QtGui.QLabel(Form)
1342.         self.label_c17.setGeometry(QtCore.QRect(170, 50, 91, 20))

1343.         self.label_c17.setObjectName(_fromUtf8("label_c17"))
1344.     self.label_c18 = QtGui.QLabel(Form)
1345.         self.label_c18.setGeometry(QtCore.QRect(170, 50, 91, 20))

1346.         self.label_c18.setObjectName(_fromUtf8("label_c18"))
1347.     self.label_c19 = QtGui.QLabel(Form)
1348.         self.label_c19.setGeometry(QtCore.QRect(170, 50, 91, 20))

1349.         self.label_c19.setObjectName(_fromUtf8("label_c19"))
1350.     self.label_c20 = QtGui.QLabel(Form)
1351.         self.label_c20.setGeometry(QtCore.QRect(170, 50, 91, 20))

1352.         self.label_c20.setObjectName(_fromUtf8("label_c20"))
1353.     self.label_c21 = QtGui.QLabel(Form)

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1354.         self.label_c21.setGeometry(QtCore.QRect(170, 50, 91, 20))
1355.         self.label_c21.setObjectName(_fromUtf8("label_c21"))
1356.         self.label_p1 = QtGui.QLabel(Form)
1357.         self.label_p1.setGeometry(QtCore.QRect(170, 50, 91, 17))

1358.         self.label_p2 = QtGui.QLabel(Form)
1359.         self.label_p2.setGeometry(QtCore.QRect(170, 50, 91, 17))

1360.         self.label_p3 = QtGui.QLabel(Form)
1361.         self.label_p3.setGeometry(QtCore.QRect(170, 50, 91, 17))

1362.         self.label_p4 = QtGui.QLabel(Form)
1363.         self.label_p4.setGeometry(QtCore.QRect(170, 50, 91, 17))

1364.         self.label_p5 = QtGui.QLabel(Form)
1365.         self.label_p5.setGeometry(QtCore.QRect(170, 50, 91, 17))

1366.         self.label_p6 = QtGui.QLabel(Form)
1367.         self.label_p6.setGeometry(QtCore.QRect(170, 50, 91, 17))

1368.         self.label_p7 = QtGui.QLabel(Form)
1369.         self.label_p7.setGeometry(QtCore.QRect(170, 50, 91, 17))

1370.         self.label_p8 = QtGui.QLabel(Form)
1371.         self.label_p8.setGeometry(QtCore.QRect(170, 50, 91, 17))

1372.         self.label_p9 = QtGui.QLabel(Form)
1373.         self.label_p9.setGeometry(QtCore.QRect(170, 50, 91, 17))

1374.         self.label_p10 = QtGui.QLabel(Form)
1375.         self.label_p10.setGeometry(QtCore.QRect(170, 50, 91, 17))

1376.         self.label_p11 = QtGui.QLabel(Form)
1377.         self.label_p11.setGeometry(QtCore.QRect(170, 50, 91, 17))

1378.         self.label_p12 = QtGui.QLabel(Form)
1379.         self.label_p12.setGeometry(QtCore.QRect(170, 50, 91, 17))

1380.         self.label_p13 = QtGui.QLabel(Form)
1381.         self.label_p13.setGeometry(QtCore.QRect(170, 50, 91, 17))

1382.         self.label_p14 = QtGui.QLabel(Form)
1383.         self.label_p14.setGeometry(QtCore.QRect(170, 50, 91, 17))

1384.         self.label_p15 = QtGui.QLabel(Form)
1385.         self.label_p15.setGeometry(QtCore.QRect(170, 50, 91, 17))

1386.         self.label_p16 = QtGui.QLabel(Form)
1387.         self.label_p16.setGeometry(QtCore.QRect(170, 50, 91, 17))

1388.         self.label_p=[self.label_p1,self.label_p2,self.label_p3,self.
label_p4,self.label_p5,self.label_p6,self.label_p7,self.label_p8,self.la
bel_p9,self.label_p10,self.label_p11,self.label_p12,self.label_p13,self.
label_p14,self.label_p15,self.label_p16]
1389.         self.label_compte=[self.label_c1,self.label_c2,self.label_c3,
self.label_c4,self.label_c5,self.label_c6,self.label_c7,self.label_c8,se
lf.label_c9,self.label_c10,self.label_c11,self.label_c12,self.label_c13,

```

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self.label_c14,self.label_c15,self.label_c16,self.label_c17,self.label_c
18,self.label_c19,self.label_c20,self.label_c21]
1390.     for i in range(21):
1391.         self.label_compte[i].hide()
1392.     for i in range(16):
1393.         self.label_p[i].hide()
1394.         self.retranslateUi(Form)
1395.         QtCore.QMetaObject.connectSlotsByName(Form)
1396.
1397.     #####CONNECTS DEL WIDGET#####
1398.         self.pushButton.clicked.connect(main_window.principal)
1399.         self.pushButton.clicked.connect(main_window.tanca_widget)
1400.         self.pushButton_2.clicked.connect(main_window.tanca_widget)
1401.         self.pushButton.clicked.connect(main_window.carta_tancada)
1402.         self.plats=[]
1403.     #####
1404.     def retranslateUi(self, Form):
1405.         Form.setWindowTitle(QtGui.QApplication.translate("Form",
"Form", None, QtGui.QApplication.UnicodeUTF8))
1406.         font = QtGui.QFont()
1407.         font.setPointSize(10)
1408.         for i in range(21):
1409.             self.label_compte[i].setFont(font)
1410.         for i in range(16):
1411.             self.label_p[i].setFont(font)
1412.         self.label_compte[0].setText(QtGui.QApplication.translate("Fo
rm", "RESTAURANT TFG", None, QtGui.QApplication.UnicodeUTF8))
1413.         self.label_compte[0].setGeometry(QtCore.QRect(50, 30, 160
, 10))
1414.         self.label_compte[1].setText(QtGui.QApplication.translate("Fo
rm", "c/Av.Diagonal 637", None, QtGui.QApplication.UnicodeUTF8))
1415.         self.label_compte[1].setGeometry(QtCore.QRect(50, 45, 160
, 10))
1416.         self.pushButton.setText(QtGui.QApplication.translate("For
m", "Demanar!", None, QtGui.QApplication.UnicodeUTF8))
1417.         self.pushButton.setText(QtGui.QApplication.translate("For
m", "Tanca", None, QtGui.QApplication.UnicodeUTF8))
1418.         self.comboBox.setItemText(0, QtGui.QApplication.translate
("Form", "1", None, QtGui.QApplication.UnicodeUTF8))
1419.         self.comboBox.setItemText(1, QtGui.QApplication.translate
("Form", "2", None, QtGui.QApplication.UnicodeUTF8))
1420.         self.comboBox.setItemText(2, QtGui.QApplication.translate
("Form", "3", None, QtGui.QApplication.UnicodeUTF8))
1421.         self.comboBox.setItemText(3, QtGui.QApplication.translate
("Form", "4", None, QtGui.QApplication.UnicodeUTF8))
1422.         self.comboBox.setItemText(4, QtGui.QApplication.translate
("Form", "5", None, QtGui.QApplication.UnicodeUTF8))
1423.         self.comboBox.setItemText(5, QtGui.QApplication.translate
("Form", "6", None, QtGui.QApplication.UnicodeUTF8))
1424.         self.label.setText(QtGui.QApplication.translate("Form", "
TAULA N  MERO: X", None, QtGui.QApplication.UnicodeUTF8))
1425.         self.label_2.setText(QtGui.QApplication.translate("Form",
"Client A", None, QtGui.QApplication.UnicodeUTF8))
1426.         self.label_3.setText(QtGui.QApplication.translate("Form",
"Client B", None, QtGui.QApplication.UnicodeUTF8))
1427.         self.label_4.setText(QtGui.QApplication.translate("Form",
"Client C", None, QtGui.QApplication.UnicodeUTF8))
1428.         self.label_5.setText(QtGui.QApplication.translate("Form",
"Client D", None, QtGui.QApplication.UnicodeUTF8))

```

```

1429.         self.label_6.setText(QtGui.QApplication.translate("Form",
    "Primer plat:", None, QtGui.QApplication.UnicodeUTF8))
1430.         self.label_7.setText(QtGui.QApplication.translate("Form",
    "Segon plat:", None, QtGui.QApplication.UnicodeUTF8))
1431.         self.label_8.setText(QtGui.QApplication.translate("Form",
    "Primer plat:", None, QtGui.QApplication.UnicodeUTF8))
1432.         self.label_9.setText(QtGui.QApplication.translate("Form",
    "Segon plat:", None, QtGui.QApplication.UnicodeUTF8))
1433.         self.label_10.setText(QtGui.QApplication.translate("Form"
    , "Primer plat:", None, QtGui.QApplication.UnicodeUTF8))
1434.         self.label_11.setText(QtGui.QApplication.translate("Form"
    , "Segon plat:", None, QtGui.QApplication.UnicodeUTF8))
1435.         self.label_12.setText(QtGui.QApplication.translate("Form"
    , "Primer plat:", None, QtGui.QApplication.UnicodeUTF8))
1436.         self.label_13.setText(QtGui.QApplication.translate("Form"
    , "Segon plat:", None, QtGui.QApplication.UnicodeUTF8))
1437.         self.comboBox_2.setItemText(0, QtGui.QApplication.transla
    te("Form", "Segon plat 1", None, QtGui.QApplication.UnicodeUTF8))
1438.         self.comboBox_2.setItemText(1, QtGui.QApplication.transla
    te("Form", "Segon plat 2", None, QtGui.QApplication.UnicodeUTF8))
1439.         self.comboBox_2.setItemText(2, QtGui.QApplication.transla
    te("Form", "Segon plat 3", None, QtGui.QApplication.UnicodeUTF8))
1440.         self.comboBox_2.setItemText(3, QtGui.QApplication.transla
    te("Form", "Segon plat 4", None, QtGui.QApplication.UnicodeUTF8))
1441.         self.comboBox_2.setItemText(4, QtGui.QApplication.transla
    te("Form", "Segon plat 5", None, QtGui.QApplication.UnicodeUTF8))
1442.         self.comboBox_2.setItemText(5, QtGui.QApplication.transla
    te("Form", "Segon plat 6", None, QtGui.QApplication.UnicodeUTF8))
1443.         self.comboBox_3.setItemText(0, QtGui.QApplication.transla
    te("Form", "1", None, QtGui.QApplication.UnicodeUTF8))
1444.         self.comboBox_3.setItemText(1, QtGui.QApplication.transla
    te("Form", "2", None, QtGui.QApplication.UnicodeUTF8))
1445.         self.comboBox_3.setItemText(2, QtGui.QApplication.transla
    te("Form", "3", None, QtGui.QApplication.UnicodeUTF8))
1446.         self.comboBox_3.setItemText(3, QtGui.QApplication.transla
    te("Form", "4", None, QtGui.QApplication.UnicodeUTF8))
1447.         self.comboBox_3.setItemText(4, QtGui.QApplication.transla
    te("Form", "5", None, QtGui.QApplication.UnicodeUTF8))
1448.         self.comboBox_3.setItemText(5, QtGui.QApplication.transla
    te("Form", "6", None, QtGui.QApplication.UnicodeUTF8))
1449.         self.comboBox_4.setItemText(0, QtGui.QApplication.transla
    te("Form", "1", None, QtGui.QApplication.UnicodeUTF8))
1450.         self.comboBox_4.setItemText(1, QtGui.QApplication.transla
    te("Form", "2", None, QtGui.QApplication.UnicodeUTF8))
1451.         self.comboBox_4.setItemText(2, QtGui.QApplication.transla
    te("Form", "3", None, QtGui.QApplication.UnicodeUTF8))
1452.         self.comboBox_4.setItemText(3, QtGui.QApplication.transla
    te("Form", "4", None, QtGui.QApplication.UnicodeUTF8))
1453.         self.comboBox_4.setItemText(4, QtGui.QApplication.transla
    te("Form", "5", None, QtGui.QApplication.UnicodeUTF8))
1454.         self.comboBox_4.setItemText(5, QtGui.QApplication.transla
    te("Form", "6", None, QtGui.QApplication.UnicodeUTF8))
1455.         self.comboBox_5.setItemText(0, QtGui.QApplication.transla
    te("Form", "1", None, QtGui.QApplication.UnicodeUTF8))
1456.         self.comboBox_5.setItemText(1, QtGui.QApplication.transla
    te("Form", "2", None, QtGui.QApplication.UnicodeUTF8))
1457.         self.comboBox_5.setItemText(2, QtGui.QApplication.transla
    te("Form", "3", None, QtGui.QApplication.UnicodeUTF8))

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```

1458.         self.comboBox_5.setItemText(3, QtGui.QApplication.transla
te("Form", "4", None, QtGui.QApplication.UnicodeUTF8))
1459.         self.comboBox_5.setItemText(4, QtGui.QApplication.transla
te("Form", "5", None, QtGui.QApplication.UnicodeUTF8))
1460.         self.comboBox_5.setItemText(5, QtGui.QApplication.transla
te("Form", "6", None, QtGui.QApplication.UnicodeUTF8))
1461.         self.comboBox_6.setItemText(0, QtGui.QApplication.transla
te("Form", "1", None, QtGui.QApplication.UnicodeUTF8))
1462.         self.comboBox_6.setItemText(1, QtGui.QApplication.transla
te("Form", "2", None, QtGui.QApplication.UnicodeUTF8))
1463.         self.comboBox_6.setItemText(2, QtGui.QApplication.transla
te("Form", "3", None, QtGui.QApplication.UnicodeUTF8))
1464.         self.comboBox_6.setItemText(3, QtGui.QApplication.transla
te("Form", "4", None, QtGui.QApplication.UnicodeUTF8))
1465.         self.comboBox_6.setItemText(4, QtGui.QApplication.transla
te("Form", "5", None, QtGui.QApplication.UnicodeUTF8))
1466.         self.comboBox_6.setItemText(5, QtGui.QApplication.transla
te("Form", "6", None, QtGui.QApplication.UnicodeUTF8))
1467.         self.comboBox_7.setItemText(0, QtGui.QApplication.transla
te("Form", "1", None, QtGui.QApplication.UnicodeUTF8))
1468.         self.comboBox_7.setItemText(1, QtGui.QApplication.transla
te("Form", "2", None, QtGui.QApplication.UnicodeUTF8))
1469.         self.comboBox_7.setItemText(2, QtGui.QApplication.transla
te("Form", "3", None, QtGui.QApplication.UnicodeUTF8))
1470.         self.comboBox_7.setItemText(3, QtGui.QApplication.transla
te("Form", "4", None, QtGui.QApplication.UnicodeUTF8))
1471.         self.comboBox_7.setItemText(4, QtGui.QApplication.transla
te("Form", "5", None, QtGui.QApplication.UnicodeUTF8))
1472.         self.comboBox_7.setItemText(5, QtGui.QApplication.transla
te("Form", "6", None, QtGui.QApplication.UnicodeUTF8))
1473.         self.comboBox_8.setItemText(0, QtGui.QApplication.transla
te("Form", "1", None, QtGui.QApplication.UnicodeUTF8))
1474.         self.comboBox_8.setItemText(1, QtGui.QApplication.transla
te("Form", "2", None, QtGui.QApplication.UnicodeUTF8))
1475.         self.comboBox_8.setItemText(2, QtGui.QApplication.transla
te("Form", "3", None, QtGui.QApplication.UnicodeUTF8))
1476.         self.comboBox_8.setItemText(3, QtGui.QApplication.transla
te("Form", "4", None, QtGui.QApplication.UnicodeUTF8))
1477.         self.comboBox_8.setItemText(4, QtGui.QApplication.transla
te("Form", "5", None, QtGui.QApplication.UnicodeUTF8))
1478.         self.comboBox_8.setItemText(5, QtGui.QApplication.transla
te("Form", "6", None, QtGui.QApplication.UnicodeUTF8))
1479.         self.combos=[self.comboBox,self.comboBox_2,self.comboBox_4,se
lf.comboBox_3,self.comboBox_6,self.comboBox_5,self.comboBox_8,self.combo
Box_7]
1480.         self.plats_labels=[self.label_6,self.label_7,self.label_8,sel
f.label_9,self.label_10,self.label_11,self.label_12,self.label_13]
1481.         self.client_labels=[self.label_2,self.label_3,self.label_4,se
lf.label_5]
1482.
1483.         #####
1484.
1485.         from PyQt4.QtGui import QApplication, QMainWindow,QWidget
1486.
1487.         if __name__ == "__main__":
1488.             app = QApplication([])
1489.             window = QMainWindow()
1490.             main_window = Ui_MainWindow()
1491.             main_window.setupUi(window)

```

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```
1492.      window.show()  
1493.      Form=QWidget()  
1494.      finestra=Ui_Form()  
1495.      finestra.setupUi(Form)  
1496.      app.exec_()
```

ANNEX B: Codi de l'arxiu fitxers.py

```

1. import csv
2. # -*- coding: utf-8 -*-
3.
4. def reset_taula(taula):
5.     taules=["taula1.txt","taula2.txt","taula3.txt","taula4.txt","taula5.
6.     txt","taula6.txt"]
7.     with open(taules[taula-1],"w") as fitxerTaules:
8.         fitxerTaules.close()
9.
10. def demana_plats(taula,llista_plats):
11.     taules=["taula1.txt","taula2.txt","taula3.txt","taula4.txt","taula5.
12.     txt","taula6.txt"]
13.     with open(taules[taula-1],"w") as fitxerTaules:
14.         escriu_taula=csv.writer(fitxerTaules)
15.         for i in range(len(llista_plats)):
16.             escriu_taula.writerow(llista_plats[i])
17.         fitxerTaules.close()
18.
19. def demana_postres(taula,llista_postres):
20.     taules=["taula1.txt","taula2.txt","taula3.txt","taula4.txt","taula5.
21.     txt","taula6.txt"]
22.     with open(taules[taula-1],"r") as fitxerTaules:
23.         llegir_taula=csv.reader(fitxerTaules)
24.         primers=[]
25.         for row in llegir_taula:
26.             if len(row)!=0:
27.                 primers=primers+[row]
28.         fitxerTaules.close()
29.
30.     with open(taules[taula-1],"w") as fitxerTaules:
31.         escriu_taula=csv.writer(fitxerTaules)
32.         for i in range(len(llista_postres)):
33.             escriu_taula.writerow(primers[i]+llista_postres[i])
34.         fitxerTaules.close()
35.
36. def quants_plats(taula):
37.     plats=0
38.     taules=["taula1.txt","taula2.txt","taula3.txt","taula4.txt","taula5.
39.     txt","taula6.txt"]
40.     with open(taules[taula-1],"r") as fitxerTaules:
41.         llegir_taula=csv.reader(fitxerTaules)
42.         primers=[]
43.         for row in llegir_taula:
44.             if len(row)!=0:
45.                 primers=primers+[row]
46.         fitxerTaules.close()
47.         for i in range(len(primers)):
48.             plats=plats+2
49.             if int(primers[i][2])!=6:
50.                 plats=plats+1
51.             if int(primers[i][3])!=6:
52.                 plats=plats+1
53.         return plats

```


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```

51. def primers(taula):
52.     taules=["taula1.txt","taula2.txt","taula3.txt","taula4.txt","taula5.
    txt","taula6.txt"]
53.     with open(taules[taula-1],"r") as fitxerTaules:
54.         llegir_taula=csv.reader(fitxerTaules)
55.         primers=[]
56.         for row in llegir_taula:
57.             if len(row)!=0:
58.                 primers=primers+[row]
59.         fitxerTaules.close()
60.         llista=[]
61.         for i in primers:
62.             llista=llista+[int(i[0])]
63.         return llista
64.
65. def segons(taula):
66.     taules=["taula1.txt","taula2.txt","taula3.txt","taula4.txt","taula5.
    txt","taula6.txt"]
67.     with open(taules[taula-1],"r") as fitxerTaules:
68.         llegir_taula=csv.reader(fitxerTaules)
69.         primers=[]
70.         for row in llegir_taula:
71.             if len(row)!=0:
72.                 primers=primers+[row]
73.         fitxerTaules.close()
74.         llista=[]
75.         for i in primers:
76.             llista=llista+[int(i[1])]
77.         return llista
78.
79. def postres(taula):
80.     taules=["taula1.txt","taula2.txt","taula3.txt","taula4.txt","taula5.
    txt","taula6.txt"]
81.     with open(taules[taula-1],"r") as fitxerTaules:
82.         llegir_taula=csv.reader(fitxerTaules)
83.         primers=[]
84.         for row in llegir_taula:
85.             if len(row)!=0:
86.                 primers=primers+[row]
87.         fitxerTaules.close()
88.         llista=[]
89.         for i in primers:
90.             llista=llista+[int(i[2])]
91.         return llista
92.
93. def cafes(taula):
94.     taules=["taula1.txt","taula2.txt","taula3.txt","taula4.txt","taula5.
    txt","taula6.txt"]
95.     with open(taules[taula-1],"r") as fitxerTaules:
96.         llegir_taula=csv.reader(fitxerTaules)
97.         primers=[]
98.         for row in llegir_taula:
99.             if len(row)!=0:
100.                 primers=primers+[row]
101.         fitxerTaules.close()
102.         llista=[]
103.         for i in primers:
104.             llista=llista+[int(i[3])]
105.         return llista

```


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```

106.
107.     def preu(taula,preu_primers,preu_segons,preu_postres,preu_cafes):
108.         preu=0
109.         P=primers(taula)
110.         S=segons(taula)
111.         Po=postres(taula)
112.         C=cafes(taula)
113.         for i in P:
114.             preu=preu+preu_primers[i-1]
115.         for i in S:
116.             preu=preu+preu_segons[i-1]
117.         for i in Po:
118.             preu=preu+preu_postres[i-1]
119.         for i in C:
120.             preu=preu+preu_cafes[i-1]
121.         return preu
122.
123.     def llegir_historic(x,y):
124.         with open("historic.txt","r") as fitxerTaules:
125.             llegir_historic=csv.reader(fitxerTaules)
126.             plats=[]
127.             for row in llegir_historic:
128.                 plats=plats+[row]
129.             fitxerTaules.close()
130.             return plats[x-1][y]
131.
132.     def afegeix_historic(taula):
133.         taules=["taula1.txt","taula2.txt","taula3.txt","taula4.txt","
134.             taula5.txt","taula6.txt"]
135.         with open(taules[taula-1],"r") as fitxerTaules:
136.             llegir_taula=csv.reader(fitxerTaules)
137.             plats_demanats=[]
138.             for row in llegir_taula:
139.                 if len(row)!=0:
140.                     plats_demanats=plats_demanats+[row]
141.             fitxerTaules.close()
142.         with open("historic.txt","r") as fitxerTaules:
143.             llegir_historic=csv.reader(fitxerTaules)
144.             plats=[]
145.             for row in llegir_historic:
146.                 plats=plats+[row]
147.             fitxerTaules.close()
148.
149.             for i in range(len(plats_demanats)):
150.                 plats[0][int(plats_demanats[i][0])-
151.                     1]=int(plats[0][int(plats_demanats[i][0])-1])+1
152.                 plats[1][int(plats_demanats[i][1])-
153.                     1]=int(plats[1][int(plats_demanats[i][1])-1])+1
154.                 plats[2][int(plats_demanats[i][2])-
155.                     1]=int(plats[2][int(plats_demanats[i][2])-1])+1
156.                 plats[3][int(plats_demanats[i][3])-
157.                     1]=int(plats[3][int(plats_demanats[i][3])-1])+1
158.
159.             with open("historic.txt","w") as fitxerTaules:
160.                 escriu_taula=csv.writer(fitxerTaules)
161.                 for i in range(len(plats)):
162.                     escriu_taula.writerow(plats[i])

```

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```

159.         fitxerTaules.close()
160.
161.     def temps_espera(cua):
162.         temps=0
163.         for i in cua:
164.             temps=temps+i[1]*2
165.         return temps*1000
166.
167.     def num_client():
168.         client=[]
169.         with open("client.txt","r") as fitxerTaules:
170.             llegir_client=csv.reader(fitxerTaules)
171.             for row in llegir_client:
172.                 client=client+row
173.         fitxerTaules.close()
174.         return int(client[0])
175.
176.     def suma_client():
177.         c=num_client()+1
178.         c=[str(c)]
179.
180.         with open("client.txt","w") as fitxerTaules:
181.             escriu_client=csv.writer(fitxerTaules)
182.             escriu_client.writerow(c)
183.         fitxerTaules.close()
184.
185.     def esdeveniment_1(data,num_clients,taula):
186.         with open("esdeveniments.txt","r") as fitxerTaules:
187.             llegir_taula=csv.reader(fitxerTaules)
188.             primers=[]
189.             for row in llegir_taula:
190.                 if len(row)!=0:
191.                     primers=primers+[row]
192.         fitxerTaules.close()
193.         x=[str(data[0]+" "+data[1]+": Els clients n.:"+str(num_client)+
194.         ts)+" arriben i seuen a la taula: "+str(taula)+".")]
195.         with open("esdeveniments.txt","w") as fitxerTaules:
196.             escriu_taula=csv.writer(fitxerTaules)
197.             for i in range(len(primers)):
198.                 escriu_taula.writerow(primers[i])
199.             escriu_taula.writerow(x)
200.         fitxerTaules.close()
201.
202.     def esdeveniment_2(data,llista,taula):
203.         first=["Amanida catalana","Amanida verda","Entremès","Canelons casolans","Cargols a la llauna","Musclos al vapor"]
204.         second=["Entrecot","Xai amb patates","Calamars a la romana","Bacallà amb samfaina","Escalopa","Conill al forn"]
205.         with open("esdeveniments.txt","r") as fitxerTaules:
206.             llegir_taula=csv.reader(fitxerTaules)
207.             a=[]
208.             for row in llegir_taula:
209.                 if len(row)!=0:
210.                     a=a+[row]
211.         fitxerTaules.close()
212.         llista_plats=[[[]],[[]]]
213.         for i in llista:
214.             llista_plats[0].append(i[0])

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```

215.         llista_plats[1].append(i[1])
216.
217.         plats1=""
218.         plats2=""
219.         for i in llista_plats[0]:
220.             p=first[i-1]
221.             plats1=plats1+p+", "
222.         for i in llista_plats[1]:
223.             s=second[i-1]
224.             plats2=plats2+s+", "
225.             plats2=plats2[:-2]
226.             plats2=plats2+"."
227.             frase=str(data[0]+" "+data[1]+": La taula "+str(taula)+" ha
demanat: "+plats1+plats2)
228.             if llista_plats[0]==[] and llista_plats[1]==[]:
229.                 frase=str(data[0]+" "+data[1]+": La taula "+str(taula)+"
no pren postres ni cafÃ's.")
230.                 x=[frase]
231.                 a.append(x)
232.                 with open("esdeveniments.txt","w") as fitxerTaules:
233.                     escriu_taulas=csv.writer(fitxerTaules)
234.                     for i in range(len(a)):
235.                         escriu_taulas.writerow(a[i])
236.                 fitxerTaules.close()
237.
238.         def esdeveniment_3(data, llista_plats, taula):
239.             first=["Fruita", "logurt", "Flam amb nata", "Gelat", "Crema catal
ana", "No ha pres res"]
240.             second=["CafÃ/tallat", "CafÃ amb llet", "Te", "Aigua d'herbes"
, "Licor", "No ha pres res"]
241.             with open("esdeveniments.txt", "r") as fitxerTaules:
242.                 llegir_taula=csv.reader(fitxerTaules)
243.                 primers=[]
244.                 for row in llegir_taula:
245.                     if len(row)!=0:
246.                         primers=primers+[row]
247.                 fitxerTaules.close()
248.                 plats1=""
249.                 plats2=""
250.                 for i in llista_plats[0]:
251.                     p=first[i-1]
252.                     plats1=plats1+p+", "
253.                 for i in llista_plats[1]:
254.                     s=second[i-1]
255.                     plats2=plats2+s+", "
256.                     plats2=plats2[:-2]
257.                     plats2=plats2+"."
258.                     frase=str(data[0]+" "+data[1]+": La taula "+str(taula)+" ha
demanat: "+plats1+plats2)
259.                     if llista_plats[0]==[] and llista_plats[1]==[]:
260.                         frase=str(data[0]+" "+data[1]+": La taula "+str(taula)+"
no pren postres ni cafÃ's.")
261.                         x=[frase]
262.                         primers.append(x)
263.                         with open("esdeveniments.txt","w") as fitxerTaules:
264.                             escriu_taulas=csv.writer(fitxerTaules)
265.                             for i in range(len(primers)):
266.                                 escriu_taulas.writerow(primers[i])
267.                         fitxerTaules.close()

```

Annex

```
268.
269.     def esdeveniment_4(data,num_clients,diners,taula):
270.         with open("esdeveniments.txt","r") as fitxerTaules:
271.             llegir_taula=csv.reader(fitxerTaules)
272.             primers=[]
273.             for row in llegir_taula:
274.                 if len(row)!=0:
275.                     primers=primers+[row]
276.             fitxerTaules.close()
277.             x=[str(data[0]+" "+data[1]+": Els clients n.:"+str(num_clients)+
" de la taula "+str(taula)+" han pagat "+str(diners)+"â,~ i han marx
at.")]
278.             with open("esdeveniments.txt","w") as fitxerTaules:
279.                 escriu_taula=csv.writer(fitxerTaules)
280.                 for i in range(len(primers)):
281.                     escriu_taula.writerow(primers[i])
282.                 escriu_taula.writerow(x)
283.             fitxerTaules.close()
```